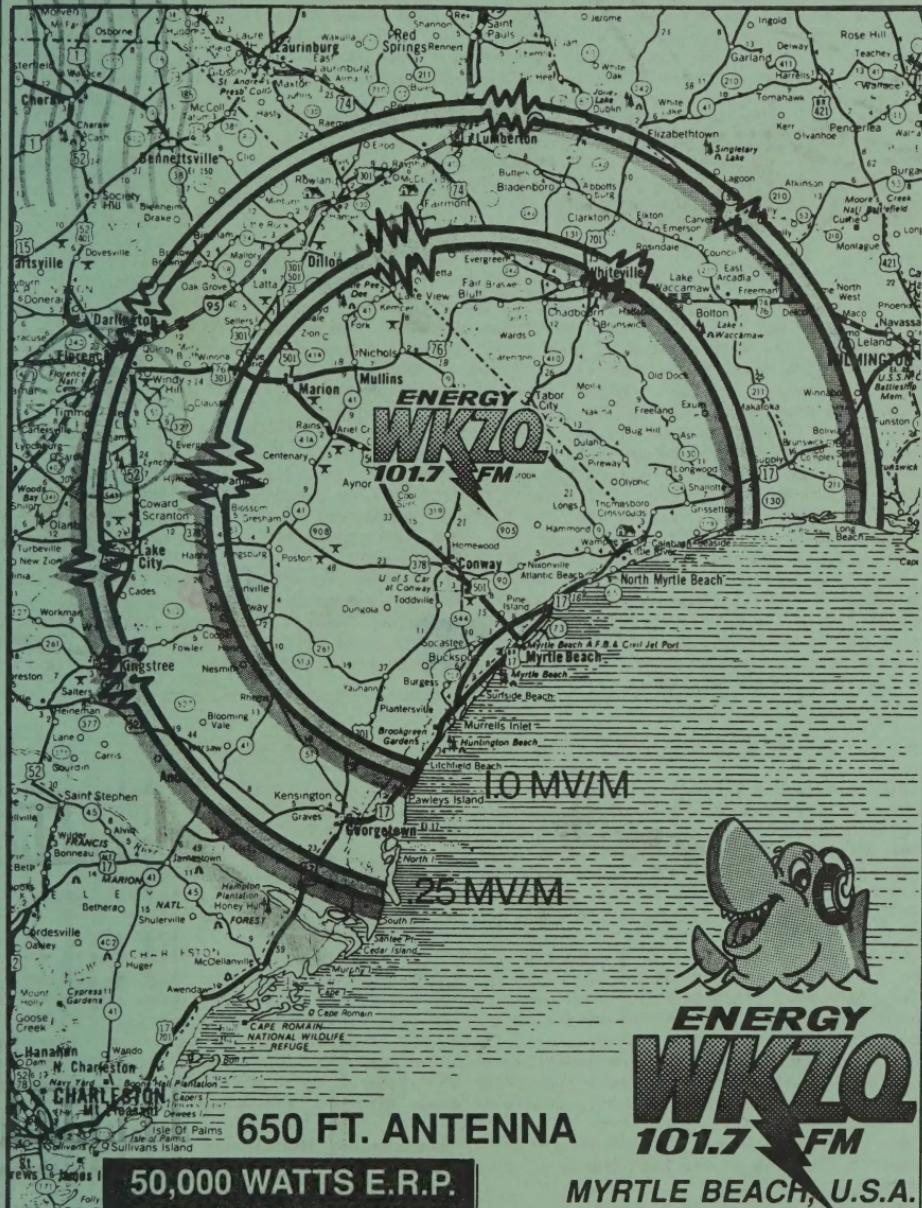


# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

MARCH 1992



# ANARC UPDATE

ANARC GETS GOING AGAIN

STEVEN SPRACHMAN  
15 BERRY LN  
HICKSVILLE, NY 11801

The reorganization of ANARC has begun. Several new committees have been formed. Constitutional changes have been proposed. And there are plans in the works to revive the ANARC Newsletter.

ANARC has several committees that are active in promoting our hobby. One committee sponsors a computer bulletin board service. This BBS lists club activities and DX catches. The Ham Net committee sponsors a DX tips Ham Net on 7240 kHz. The Committee to Preserve Radio Verifications collects QSL collections donated by former DX'ers. The collection now has about 25,000 verifications covering all areas of the radio hobby. Each month, the committee publishes a one page article featuring photographs of several interesting cards from the 1920's, 30's or 40's. And you can register your QSL collection with the committee.

A new committee has been formed to handle the political aspect of the hobby. This is the Governmental Affairs committee. It is being headed by ANARC's attorney, Frank Terranella. He can be contacted by writing to him at 106 Cathay Rd., Clifton, NJ 07013. This committee is looking for volunteers in the Washington DC area.

## Letters

I got a couple of letters after my last article. The first letter I received was from Dan Cashin in Havertown PA. He reminded me of the NASWA SWL Winterfest. ANARC is a prime sponsor of this event. The Winterfest will take place during the weekend of March 13 to 15 at the Holiday Inn in Kulpsville PA (near Valley Forge). This worthwhile event will cover all aspects of DXing. Scheduled seminars include DX'ing on other continents, Travel DX, and MW DX tips. If you're in the area, stop into the only DX event of the winter.

My second letter was from ETV DX Columnist Bill Nienajadly. Besides reminding me to send my logging reports to him, he asked if ANARC was involved in an issue that he was involved in. The FCC has proposed a ban on all radios and scanners that can receive or be modified to receive cellular telephone frequencies. And Several localities have proposed to go further by banning scanners completely. Bill states that the State of New Jersey has a law that bans mobile monitoring of the Police and Fire frequencies. Ham radio operators are not exempt and one can be prosecuted for having the radio in the trunk of the car.

ANARC's position is to oppose any laws that hamper our liberty to listen to any part of the radio spectrum. Due to ANARC's reorganization, ANARC has been inactive in dealing with political issues. With the formation of the Governmental Affairs committee, ANARC will again represent us in Washington. I'd like to thank Dan and Bill for writing. I am interested in hearing your opinion on ANARC, and about issues that affect our hobby. My address is 15 Berry Ln., Hicksville, NY 11801.

## SPRACHMAN'S CORNER - New Editions of TV Guide in New York

Bill Nienajadly alerted me to the new editions of TV Guide covering New York City. He sent me a copy of the "channel page" of the Brooklyn-Queens edition. This edition covers the New York City Broadcasting stations and the cable channels of the BQ Cable system. Manhattan has its own edition covering Manhattan Cable.

Do any other areas have TV Guide editions that cover a specific cable company and are available on the newsstand? Several areas of Eastern PA are covered by a single magazine called TV HOST. This magazine covers several stations not listed in the regular edition of TV Guide.

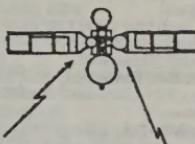
I've added another DX show on Shortwave radio called Signals to my list of weekly must listen to. The show is broadcast over WNCR Nashville TN on UTC Sunday at 03:35 on 7435 kHz and 1500 on 15690 kHz. This show differs from other DX shows. The show is divided into specific segments that appear each week at approximately the same time each week. The segments cover scanners, pirate and utility stations, satellites, the "M Street Report" featuring happenings at AM and FM stations, and a comedy segment based on the parody bulletin "BLANDX". Added to an hour of Signals at 03:35 is a leadoff half hour of "Glenn Hauser's World of Radio". The two shows compliment each other. My only complaint about "Signals", no segments dealing with TV DX.

New York Media News- WHAI-43 Bridgeport CT has been off the air for over 9 months. The proposed FM stations on the East End of Long Island have not come on the air, and may never make it to the air.

Well, that's it for this month,

73's

Steven



## SATELLITE NEWS

George W. Jensen  
4604 Annata Avenue  
Baltimore, MD 21206-4220

Another brief column of odds and ends.

First some information from Ronald Purdue - Byron, Minn.: This week, I have noticed that there is increased activity on Spacenet 4. I have seen a couple of hockey and religious feeds on it so far. This could be, in fact, several feeds on Westar 5 that are migrating over to this bird when Westar 5 retires for good in April. As stated a couple of months ago in the VUD, the purchase of the Monterey 50 IRD will be in late March or early April as it now stands. I am planning to purchase the programming through the National Program Service due best price. (Thanks to an ad in OnSat magazine).

Later into the summer, I plan to subscribe to Showtime and TNT through Skyvision Programming center. I am now getting very enthusiastic to acquire that IRD, I will trade in the Uniden UST-5500 through Skyvision. See you in 30.

My apologies to Ronald as I have misspelled his name in several of the VUDs. It is now correct.

In looking at the current changes lets look first at Spacenet 4 which Ronald mentions.

Spacenet 4 - XPDR 9 - 3 Angels has now located here from Spacenet 2 where they were briefly after leaving Spacenet 1. The ID card is now sporadic on XPDR 6.

Encore has now abandoned both F3 and C1 and now is on Galaxy 3 XPDR 1.

The Vacation Network is now on C1 XPDR 15.

Las Vegas Television Net is currently promoing on Galaxy 6 XPDR 23 (formerly Westar 4)

On Spacenet 2 XPDR 7 - Mainstreet TV - a few hours in the evenings with basically oldies television.

Action Pay-Per-View is now on F4 XPDR 2 from Spacenet 3  
Something called Be-TV had an ID on Galaxy 6 XPDR 23 recently - nothing noted since.

WRAL -- Raleigh, North Carolina replaces WBBM Chicago of the Prime Time 24 line-up on Satcom 2 XPDR 2.

As reported earlier, but I'll mention it again -

The Airport Channel and the Check-Out Channel, both CNN news services are to be found on G-Star 4

Superior Livestock Auction and others are to be found on Galaxy 6 various transponders.

Galaxy 5 which is to replace Westar 5 was due to be launched on February 27. If all goes well there will be many moves beginning in late Spring.

That's all from this end - see you in 30.

*George*

# FCC FM NEWS

Bruce F. Elving, Ph.D., Editor

Box 24

Adolph MN 55701-0024

Contributions earnestly solicited!

## "Lame Stations" Revisited, Andy's Phase Box Reviewed, Filters' Update

Stephen West, who has rejoined the WTFDA, sent a Family Stations directory, and he reported that WKSZ 100.3 Media PA has been surveying people (presumably DXers) about the songs they'd like to hear on radio. "WKSZ was looking into legal action against 'Star 104.5' for showing TV commercials that said Kiss played kid songs like Barry Manilow. . . Kiss is playing only upbeat songs now, a mixture of oldies and recent songs. What is all this stuff about lame stations? Can you list specific artists and songs that are in this category? Can a lame station ever play a good song? Can a station be semi-lame? Do you list these stations in your FM Atlas with a format abbreviation of L?" [Buy an FM Atlas at \$12 and find out!] "WPRB [103.3 Princeton NJ] had a power increase because they claim they now cover Philly and Wilmington, which they do! Since the fall I have not heard Warm 103 in York because WPRB is too strong. WRTI 90.1 reception is rough near Wilmington DE due to interference from 89.9" [WOEL Elkton MD], and West wonders if they plan a Wilmington translator. "Should a car antenna be vertical for best reception? My Honda has a car antenna at a 45° angle. [An antenna at a 45° angle should work fine, since most FM stations use circular polarization; and in the rare case of a station with either horizontal only or vertical only polarization, it should intercept those as well.]

Rich Shaftan sent a clipping on a local board approving a site for an FM for WRNJ AM Hackettstown NJ; no announcement of frequency or actual city of license, and no FCC cp has been issued.

Ordering two FM Atlases (atlai?) was Frank Merrill: "Here's hoping that this time I actually use the second copy for posting my DX into. A big project and often I've bought two copies intending to do that and it doesn't get done. . . Though I did hear Vicksburg 106.7 (from Macomb IL) during the Jan. 4 biggie, it was only by default, with the signal allowed to come through only due to the exceedingly vacant frequency; it was barely there."

"Here is a somewhat belated letter to let you know that the Superadio I had you modify with the 110-kHz filter is just fantastic with my 'ground zero' superlocals," writes Harry J. Hayes. "The set gives me many more open channels now which is what I need with locals and semi-locals coming on the air here what seems every few weeks. As an example, I enjoy crystal-clear reception of WKGB 92.5 Susquehanna PA, which is sandwiched between two superlocals. Also, I can receive Norwich NY 93.9 right next to my local 93.7 and 98.1 from Binghamton right next to semi-strong WWSH 97.9 Hazleton. I will be looking forward to the skip season. The new 95.7 in Olyphant is on and strong with calls WZZV, this right next to the Benton station on 95.9 with the calls WZZC, both carrying the same rock satellite programming." [But is WZZV stereo?] "Both are now easily separable on the modified set; they were

not before. . . These two should be nice and confusing for someone getting them on skip."

Bill Niemajadyl: "If a tuner has an MPX jack, can one hook up an SCAdapter without internal connections?" [Yes, absolutely--the same for tuners having a horizontal oscilloscope output jack--b.e.] "I received my phase box from Andy Bolin. . . The phase box is worth \$145, and every serious FM DXer should get one! Can't wait for a tropo opening! I think others will buy the FM phaser. I had two WTFDAers over recently; they were very impressed that the phase box and phasing system dug out WSUL 98.3 Monticello NY and Danbury CT 98.3 despite very local-like WKJY Hempstead NY and semi-local WMGQ New Brunswick NJ, both 98.3; \$145 is a lot cheaper than another tuner/receiver if one puts it that way. . . The best way for great results is with stable groundwave or tropo signals where signal levels don't change much. Summary: The station you want to eliminate should be stable; it does not matter if the desired is fadey and weak; you can aim both antennas to desired station and still null the offending one, if they are at least some distance away; sometimes it is better to aim one antenna at the offending station and one at the desired station; the phase box/phasing setup works so that you can also increase the signal of a weak, fadey semi local in the opposite way of nulling it! Turn a knob; station comes in better. Turn a knob a bit more and phase it out. Real neat! Nulls on locals can be achieved to a small extent. If you aim away from them look at the 'S' meter and carefully listen for some 'hiss' by tweaking this and that. It is possible to knock down a local 10 dB or as much as 35 dB. Again, phasing is not a cure-all, but a major development in FM DXing! As important, if not more so, than the ceramic filters! Andy's phase box is worth \$145!" Finally, Bill contends WPLJ 95.5 New York is more AC than top 40.

Look below, dear reader, for a journey into the last two months' VUDs for the feature "See Also," in which I try to cull what should be pointed out in this column. Due to time constraints last month's column did not present all the FM news you could have read, but it did make my FMedia! newsletter.

### See Also Jan., Feb. VUDs For

- AL Linden WINL 98.5 k, "Win 98," Pugh, p. 22, J
- AR West Helena KCLT 104.9 T-105, Pugh, p. 30, F
- CO Monte Vista KSLV-FM 95.3 V-95.3, Pugh, p. 21, J
- IL Woodstock WZSR (was WAIT-FM) 105.5 Star 105.5, Strickert, p. 18, J
- IN Frankfort WSHW 99.7, Falconer, p. 19, J
- IN Nappanee WLRX 95.7 \$, o, ID with Elkhart-Warsaw, Strobel, p. 28, F
- IN Roanoke WQTX 105.1 still off air, Strobel, p. 28, F
- IN Vincennes WVUB "91.1 br, Strickert, p. 19, J
- IA Muscatine KFMH 99.7 must be Niemajadyl's nonID, p. 27, F; IA has Hy-Vee stores
- KY Albany WANY-FM 106.3 k, still mono? Pugh, p. 30, F
- KY Falmouth WIOK 107.5 OK 107.5, Station News, p. 27, F
- KY Glasgow WWWW 105.3 is most likely "the All New Q-105.3," Solomon, p. 13, J
- KY Middlesboro WMIK-FM 92.7 KY-93 (from "KY-92"), Sittel, p. 30, F
- ME Bath WKRH 105.9 with Augusta, apparently no longer IDing with Brunswick-Lewiston, Monroe, p. 15, J
- MI Bayne City WBCM 93.5 Stereo, Falconer, p. 19, J
- MI East Lansing WFMK 99.1 ID with Grand Ledge-Lansing, Nieman, p. 14, J

MI Lansing WLYY 101.7 o, "Y-102," Falconer, p. 19, J [see Voytko, p. 32, J]  
 MN Minneapolis K13UT is off the air now/  
 MS Cleveland WCLD-FM 103.9 s, "Jammmin'" 104, "Pugh, p. 30, F [30, F]  
 MS Holy Spring WKRA-FM 92.7 o, Pugh, p/J  
 MO Trenton KTTN-FM 92.1 k, Pugh, p. 22, J  
 NE Ord KNLV-FM 103.9 k, \$, Hawk, p. 24, F  
 NH Nashua WJCJ \*88.3 I need to know if it has stereo—Hai, p. 19, J

NY Ravenna WRAV 94.5 is it stereo? Station News, p. 13, J; Bugej, p. 23, F  
 NY Sodus WNNR 103.5 rp, Chernos, p. 17, J  
 NC Wilson WAHD \*90.5 assumed format bg, Sittel, p. 30, F [p. 30, F]  
 OH Cincinnati WUBE-FM 105.1 B-105, Sittel, / OH Montpelier WLZZ 104.5 k, ID with Bryan, "Wheels," Station News, p. 27, F

OH West Carrollton WROU 92.1 \$, ID with Dayton, Strobel, p. 27, F  
 PA Allentown WAEB-FM 104.1 r, Station News, p. 13, J [p. 13, J]  
 PA Pittsburgh WORD 104.7 g, Station News/  
 SC Greenville WTBI-FM \*91.7 Sittel, p. 30, F  
 TN McKinnon WTWL 101.5 o, \$, Pugh, p. 30, F

TN Seymour WJBZ 96.3 Stereo, Pugh, p. 22, J  
 TN Knoxville WEMQ (I list as such, not "WERQ"), \$, "D-104," Pugh, p. 22, J; and not "WBBS," not "Powell TN," Sittel, p. 31, F. Don't they give their calls right and know where they are? [lio, p. 29, F]  
 VT Burlington WEZF 92.9 nm (not mtr), Conig/  
 VA Accomm WVES 99.3 b, Smolarek, p. 17, J  
 VA Marion WTVR \*91.9 on air, \$, Sittel, p. 30, F  
 NS Halifax CFCR 104.3 Classic Rock 104 (from "Q-104"), Bugej, p. 23, F

ON Ottawa CHUO (not CFUO) \*89.1 \$, Monroe, p. 23, F

McVey, p. 38: Nice seeing the Technical Index and knowing I may "achieve immortality on the next index" (J)  
 Yingling, p. 39 (J), note my name is singular, not "Elvings"; nice format on IBM-PC.

### New FM Station, Translator Grants

AZ Lake Havasu City K220DS \*91.9 (KNPR 89.5 Las Vegas NV) [Bcstr., Inc.

AR Eudora 101.5 3000 h,v; 100 m, E/

AR Harrison K215BR \*90.3 (KCMH 91.5 Mountain Home)

CA Carmel 95.5 1170 h,v; 157 m, J&M Bcstr.

CA Copperopolis 105.5 470 h,v; 254 m

CA La Quinta K2108 \*89.9 (KECR-FM 93.3 El Cajon) [89.9 Santa Monica)

CA Ojai K206AT \*89.1 (seeking 102.1; KCRW/  
 Rio Dell 107.1 3000 h,v; -163 m, Douglas C. Turnbull) [m, Joemart, Inc.

CA Santa Barbara 107.7 710 h,v; 536/

CA Ukiyah KZYX-1 \*90.7, 50 w (booster of Philo station) [of Denver station

CO Boulder KMJI-1 100.3 250-w booster/

FL Baldwin 105.7 3000 h,v; 100 m, Peaches Bcstr. Co.

[odge, Inc.

FL Inverness \*90.1 4500 h,v; 198 m, Alka/

FL Punta Gorda 97.7 3000 h,v; 100 m

GA Chauncey WQIL 101.3 50000 h,v; 150 m

GA Dalton 104.5 3000 h,v; 100 m, N, GA R. II

GA Gray WIVI 96.5 6000 h,v; 100 m, G.

Communications, Inc. [Kealakekua)

HI Humuula K276DG 103.1 (KAQY 92.1/

HI Lahaina K272CT 102.3 (KNU1-FM 99.9 Kahului) [788 m, Eagle Bcstr.

ID Eagle (Boise) 107.9 1100 h,v/ [Falls)

ID Sun Valley K228DG \*93.5 (KBSW 91.7 Twin/

IL Macomb W209AL \*89.7 (WGCA 88.5 Quincy, 100 w [Moline, 100 w

W213AH \*90.5 (WDLM-FM \*89.3 East/ Have fun with these, Frank M.J.

IA Asbury (Dubuque) 103.3 25000 h,v; 100 m, Tri-State Bcstr. [Willis, Jr.

KY Lawrenceburg 102.1 3000 h,v; 100 m, Finley/

KY Morehead 96.3 6000 h,v; 100 m,

KY Stamping Ground 99.1 3000 h,v; 100 m  
 LA Homer K2XZB 106.7 50000 h,v; 150 m  
 LA Lake Charles W252AQ \*98.3 (KTXB 89.7 Beaumont TX), 250 w  
 MI Grand Rapids W223AB \*92.5 (WGUV-FM \*88.5 Allendale), 150 w [Earth]

MI Austin K254AA \*98.7 (KJLY 104.5 Blue/ MN Roseau W215AI \*90.9 (KQMN 91.5 Thief River Falls) [Camdenton, 300 w

MO KnobNoster K225AB \*92.9 (KVCQ 91.7/

MO Otterville (30 km E. Sedalia) 107.7 6000 h,v; 100 m, 0, Bcstr. Ltd. [Network

NE Norfolk \*90.5 90000 h,v; 107 m, g, The Praise/

NE Sargent 92.1 10000 h,v; 232 m, Sand-

hills Giant, Inc. [Las Vegas)

NV Henderson K257BU 99.3 (KOMZ 92.3/

NV Stateline K272DA 102.3 (KZZF 102.9 South Lake Tahoe CA)

NH Manchester \*91.7 1 w,h, 100 v; 4 m, Notre Dame College [89.1 Trenton)

NJ Atlantic City W230AA \*93.9 (WVFM/

NJ Bridgeton \*89.3 1 w,h, 3000 v; 62 m, NJ Public Bcstr. Authority

NJ Lebanon Township (40-41-31; 74-55-33)

W289AA \*105.7 (WWFM)

NY Jamestown WCOT \*90.9 10000 h,v; 150 m, g, Family Life Min. [Fishman

NY Monticello 99.7 6000 h,v; 100 m, Larry/

NY Morristown 102.9 30000 h,v; 100 m, Northstar Bcstr. Corp. [Down East Radio Co.

NC Atlantic 107.3 6000 h,v; 100 m, j

NC Hatteras 94.3 6000 h,v; 50 m

NC Lumberton W231AB \*94.1 (WHQR 91.3 Wilmington) [g, Better Life, Inc.

NC Roanoke Rapids \*88.5 3000 h,v; 50 m, /

NC Wingate \*91.9 17700 h,v; 157 m, g,

Columbia Bible College

OH Hubbard (Youngstown) WRBP 101.9 3000 h,v; 100 m, to be s

OH New Philadelphia \*91.5 3000 h,v; 66 m, Kent State U. (translator deletes)

OR Corvallis K264AA \*100.7 (KBOO 90.7 Portland) [lots McNaughton

OR Newport 92.7 12000 h,v; 144 m, Char-/

PA Philadelphia W300AD \*107.9 (WWFM 89.1 Trenton NJ) [m, Cardcom Media

SC Pawley's Island 98.5 6000 h,v; 100/

TN Dyersburg \*90.7 1000000 h,v; 76 m, Mid-South Public Comm. Foundation (displaces translator)

TN Newport 92.9 6000 h,v; 100 m, WNPC, Inc.

TX Galveston K216CJ \*91.1 (KTXB 89.7 Beaumont), 250 w

WA Anacortes K215B \*90.9 (KSER 90.7 Everett) [St. Marys

WV Vienna W226AB 93.1 (WRRR-FM/

WI Neekoosa 93.7 3000 h,v; 50 m, Berry Radio Co. [100.3 Greybull]

WY Cody K266AA 101.1 (KZMQ-FM/

WY Dubois K217BP \*91.3 (KUWR 91.9 Laramie)

PR Fajardo WCAD-1 105.7 (80-w booster of San Juan station)

TA Ciudad Camargo (Rio Grande City TX) XHCKO 90.5 5000 h,v; \$, l.

### Call Letters Assigned or Changed

AL Trinity 92.5 WAZK (WUIC)

AL Trussville 105.9 WIV

AZ Globe 100.3 KZRX (KGRX)

AZ Oro Valley 97.5 KRKN (KVNFM)

AR Little Rock 99.5 KYFX (KLVY)

CA Fresno 101.1 KFIG-FM" (KFIG-FM; AM gets new calls)

CA Growland \*91.7 KXSR (KOJU)

CA Kings Beach \*89.9 KXKK (KEQI)

CA Lake Isabella 104.5 KKRV (KVLF-FM), k

CA Lenwood 97.5 KOEH

CA Mariposa 103.9 KHOB (KTHA), r, LMA with KHOP 104.1 Modesto, dropping classical

CA Riverside 97.5 KHTX (KDUO)

CA Sacramento 98.5 KNCI (KZAP), k, "Fresh"

CA San Diego 94.9 KBZS (KRMX), o, "K Best 95" [in Fresno)

CA Tulare 94.9 KBOS-FM (KBOS; AM is/

CA Ventura 107.1 KAXX (KAGR)

CO Fountain 96.1 KBQJ

FL Fort Myers \*91.5 WYJO (WSRX)

FL Silver Springs 95.5 WGGO-FM (WWGO); AM is in Salamanca NY

GA Brunswick \*89.1 WWHO

GA Valdosta 96.7 WYZK (WVCM)

HI Kealakekua 92.1 KAQY (KOAS)

HI Volcano 107.7 KKOA

ID Blackfoot 101.5 KCVI

IL Bushnell 104.7 WLMD (WSRQ)

IL Elmwood 97.3 WFYR

IL Springfield \*90.5 WQIB

IN Berne 93.9 WZBD

IN Wabash 105.5 WWHIP

IA Clarinda 106.1 KKBZ (KMA-FM)

IA Pella 103.3 KFMG (KDMG)

IA Rock Valley 106.9 KOEP

KS Topeka 99.3 KIKS (K10L)

KY Flemingsburg 106.3 WFL-EFM (WBPK)

KY West Liberty 102.9 WLKS-FM

ME Kittery 105.3 WHIM (WKCQ)

MD Hagerstown \*89.1 WETH (WYHG)

MA Boston \*96.3 W242AA, ss, "On," below

MI Munising 98.3 WHCH (WQOX-FM)

MI Muskegon Heights 101.7 WQWO-FM" (WQWO-FM; AM gets new calls)

MI Petoskey 96.3 WMBN-FM (WMBN)

MN Blue Earth 98.1 KQEI, to be \$, expected on

air this summer, format not disclosed

MIN Eliz 92.1 KOEK [93-X" (strict)

MN Minneapolis 93.7 KRXX (KLXK), rp,

NE Aurora 97.3 KLRB (KMTY), op, "The Bee"

NV Las Vegas 98.5 KLCU-FM" (KLUC-FM; AM gets new calls)

NH Laconia 98.3 WLNH-FM (WLNH)

NJ Avalon 94.3 WXNJ (WWOC)

NM Santa Fe 94.7 KZXA

NY Bay Shore 103.1 WBSI

NY Owego 101.7 WGRG (WQXT)

NY South Bristol 95.1 WROI (WZSH), op, "Rock-it 95" (strict)

NC Charlotte 103.7 WSOC-FM" (WSOC-FM; AM gets new calls)

NC Fair Bluff 105.3 WWR

OH Cincinnati 92.5 WIMJ (WWEZ)

OH Clyde 100.9 WNCG (WLCO)

OH Milford 107.1 WAQZ (not WQOZ), "Power Pig" [in Medford)

OR Grants Pass 96.9 KYJC-FM (KFMJ; AM is/

OR Medford 93.7 KTMT-FM (KTMT)

OR Seaside 94.7 KOEM

PA Beaver Springs 106.1 WWVB (WVHA)

PA Pittston 102.3 WTO-FM, but "several

employees have told me that the call letters are WTLO (their old calls), so either the owners are confused or the FCC is"

PA Pittsburgh 107.9 WDSY-FM (WDSY)

PA Sharpsville 95.9 WHTX (WAXF)

RI Westerly 103.7 WWRX-FM (WWRX; AM is in Providence)

SD Yankton 104.1 WNAX-FM (KBCM)

TN Bristol 96.9 WXBO-FM (WXBO; AM is in Bristol VA)

TN Jellico 102.7 WEKX

TX Floresville \*89.7 KWCB

TX Lubbock \*90.9 KYFT [CD-102"

TX Monahans 102.1 KCDJ (KGMG), op,

TX New Braunfels \*89.9 KQJE

TX San Antonio \*88.3 KYFS (KPAC)

UT Roy 107.9 KZQO (KRPN), p, Z-Rock,

continuing its LMA with KZHT 94.9 Provo

VT Rutland 94.5 WZKK (WYOY), k

VT Springfield 93.5 WCFR-FM (WMKS)

VA Roanoke \*90.3 WUU

VA Bellevue 92.5 KLSY-FM" (KLSY-FM; AM gets new calls)

VA McCleary 96.9 KGY-FM (AM is in Olympia)

WI Rice Lake 97.7 WAQE-FM (WAQE)

### Facilities Changes Granted

AL Hartsville WYAM 106.1 6000 h,v (100 m)

AL Mobile WBHY-FM \*88.5 190 m, nonDA (50000 h,v)

AK Anchorage KRUA \*88.1 (not 88.3)  
 AZ Prescott Valley KHX 106.7 (not 106.1, having moved from 106.3)  
 AR Jonesboro KDEZ 100.3 140 m (3000 h,v)  
 CA El Cajon KECR-FM \*93.3 now noncommercial—gets translator in 88-92 band  
 CA Los Banos KOLB 106.9 6000 h,v; 100 m  
 CA Monte Rio KMGG 97.7 2040 h,v (342 m), B1  
 CA Pacific Grove KOCN 105.1 (from 104.9) 4200 h,v; 241 m, B1  
 CA Santa Rosa KXFX 101.7 2200 h,v; 332 m  
 CO Brush KSR 107.1 10000 h,v; 278 m, C1  
 CO Hayden KDN 95.9 1750 h,v; 360 m, C3  
 CT Naugatuck W250AA \*97.9 (from W218AC 91.5)  
 FL Venice WCTQ 92.1 16000 h,v (90 m)  
 FL West Palm Beach WEAT-FM 104.3 (not 104.5) 100000 h,v; 388 m, nonDA, C  
 FL Venice WCTO 92.1 6000 h,v (90 m)  
 GA Folkston WOKF 92.5 6000 h,v (100 m)  
 GA Fort Valley WKXK 97.9 9800 h,v (90 m), C3  
 GA St. Simons Island WMOG-FM 92.7 6000 h,v (100 m) [m, directional (d-a)]  
 HI Aiea KTTSS 107.9 100000 h,v; 79000; 59/  
 HI Hilo KADE 92.7 35000 h,v; 50 m, C2  
 IL Carterville WEZS 95.1 85 m (3000 h,v)  
 IL Columbia WCBW 104.9 11500 h,v; 146 m, C3  
 IL Lynnhaven WEAI 107.1 6000 h,v (100 m)  
 IL Marshall WMMC 105.9 3300 h,v; 90 m  
 IL Petersburg WLUJ 97.7 6000 h,v (100 m)  
 IN Angola WLKI 100.3 (from 101.4) 10000 h,v (120 m) [(100 m)]  
 IN West Lafayette WXAW 106.7 6000 h,v/  
 IA Decorah KRD1 100.5 30000 h,v (150 m)  
 IA Knoxville KRLS 92.1 15500 h,v; 94 m, C3  
 IA Storm Lake KAYL-FM 101.5 122 m (100000 h,v).  
 KS El Dorado KBUZ 99.1 100000 h,v; 299 m, C1  
 KS North Fort Riley KBLZ 102.5 100000 h,v (150 m), C1 [137 m, C3  
 KY Bowling Green WBZD 96.7 13500 h,v/  
 KY Henderson WKPB \*89.5 43000 h,v; 115 m  
 KY Madisonville WSOF \*89.9 39400 h,v (86 m)  
 KY Monticello WKYM 101.7 1800 h,v; 188 m  
 ME Winslow WJBI-FM 95.3 5300 h,v; 106 m  
 MN St. James KXAC 100.5 132 m (50000 h,v)  
 MO Butler KMOE 92.1 4730 h,v; 45 m  
 MO Kirkville KXAE \*90.7 WSO 90.1 Pikeville KY (from WMBI-FM 90.1 Chicago)  
 MO Knob Noster KXXK 105.7 (from 105.5) 13500 h,v; 89 m, C3 [vertical  
 MO Rolla KQMX 94.3 3000 h,v (114 m), adds/  
 MT Missoula KUFM \*89.1 75 m (14300 h,v)  
 NE Milford (from Hastings) KUHG 98.1  
 NH Campton WVFM 105.7 80 watts h,v; 597 m  
 NJ Cape May WJSJ 102.3 89 m (2000 h,v)  
 NJ Newark WNRW 105.9 810 h,v, 580, v373 m, grant to Multicultural Broadcasting (to take over WNRW and move transmitter to Empire State Building). Has Italian "Radio Uno" on its 67 kHz SCS; 92 is RBC for people from India.  
 NM Albuquerque KZEN 106.3 has KOLT-FM 105.9 Santa Fe (from KMXO 104.7 Socorro), but this will be "short lived," as the new KZPY 106.3 has been granted to Los Lunas NM, "just south of Albuquerque".  
 NM San Antonio KIOT 102.3 9000 h,v; 164 m, C3  
 NM Roswell KVNB 104.7 125 m (50000 h,v)  
 NY Troy WAMC-1 \*91.1 (from 89.9). Interference on 89.9 from a Family Radio translator was too great. "The 90.3 signal (from WAMC Albany) doesn't travel well from Mount Greylock (you should show that transmitter location in FMA-151)."  
 NC Durham WFXC 107.1 2600 h,v; 153 m  
 NC Waxham (from Kershaw SC) WLWN 106.1  
 NC Wilmington WUOY 104.5 (from 105.3)  
 OH Franklin WUMB \*88.5 25500 h,v; 152 m, nonDA [(not 94.5)  
 OK Claremore (new) to be on 100.7/  
 OK Durant KLCB 107.1 50000 h,v; 150 m, C2  
 OK Holdenville KXKY 106.5 4500 h,v; 62 m  
 OK Lawton K2442AA \*96.3 (from K21580

90.9)  
 OR Creswell KAVE 95.3 630 h,v (368 m)  
 OR Eugene KWAX \*91.1 21500 h,v, 12500 v; 370 m [103.5 2000 h,v; 118 m  
 PA Berwick WKAB/ [d-a (387 m)  
 PA Scranton WEZX 106.9 (from 107.1) 3800 h,v/  
 PA Warminster WRDV \*89.3 100 h,v, 1000 v; 36 m  
 SC Loris WVCO 94.9 (from 105.9)  
 SD Spearfish KEZV 101.1 554 m (100000 h,v); transmitter Terry Peak, 2 km SW Lead SD  
 TN Livingston WXKG 95.9 12000 h,v (144 m)  
 TX Beeville KYTX 97.9 34000 h,v; 178 m  
 TX Kerrville KVR 94.3 directional (d-a)  
 TX Pittsburg KXAL 103.1 3800 h,v (100 m)  
 VA Blacksburg W2434A 96.5 (from WROW-FM 96.3)  
 VA Clinchco WDIC-FM 92.1 (from 93.1) 2500 h,v; 154 m [(28 m)  
 WA Grandview KARY-FM 100.9 6000 h,v/  
 WA Kelso KUKN 94.5 6000 h,v (100 m)  
 WI Ashland WJHH 96.7 79 m (50000 h,v)  
 WI Bloomer WPHQ 95.1 14700 h,v; 131 m, C3  
 WY Jackson K216CI \*91.1 WJSO 90.1 Pikeville KY (from WMBI-FM 90.1 Chicago)

Stereo—Or to be Stereo

AR Glenwood KWKE 104.5  
 CA North Highlands KEBR-FM \*89.3, on air  
 CA Visalia KUDV \*88.9, g, to join CBN Radio  
 CT Ledyard WBMW 106.5, rm  
 IN Nappanee WLWX 95.7, o  
 IA Manchester KMC 94.7, kr  
 MA South Yarmouth WATB 103.9, m, t, 67. "The WATB calls are used only once an hour, so I guess you could say 'WATD' is WATB's nonID..."  
 MA West Yarmouth WXTK 94.9 broadcasts at least 20" of theme music per hour in stereo; otherwise talk in pseudo-stereo. "No stereo separation, but the pilot is on anyway. I think that's a pretty dumb move." [m]  
 MI Bayonne City WCBM 93.5, k, to 50000 h,v (140/141 m)  
 MI Port Huron WGRT 102.3, rm, "Great 102.3"  
 MS Monticello WROU 102.1, "Q-102"  
 NE Superior KFRS-FM 103.9  
 NC Hamlet WJSG 104.3  
 OH Montpelier WLZL 104.5, k  
 OH West Carrollton WROU 92.1, s  
 PA Patton WBRX 94.7, back on air, mr, "Like 95," and "aiming for Altoona market and disenfranchised listeners of WFBG-FM 98.1" now WFGY, k) [to WFGY Altoona  
 PA State College WGGY 94.5, k, parallel/  
 SC Greenville WTBI-FM 91.7  
 SC Murrells Inlet WKQO 94.5  
 TN Knoxville WEMO 104.5, "Q-104"  
 TN McKinnon WTLW 101.5, o  
 TN Seymour WJBZ 96.3  
 TX Hereford K PAN-FM 106.3  
 ON Ottawa CHUO \*89.1, p  
 TA Nuevo Laredo XHBLM 88.9, l, part of a network, running program tests. Includes XHCKO (see "New" above) Ciudad Camargo and "another on 90.9 with 1 with which I was unable to identify." Has only occasional IDs.  
 MONOPHONIC—Remove stereo indication  
 NH Winchester-Keen WXDQ, now o, did not add \$ when it dropped talk  
 TX Bryan-College Station KBMA 99.5  
 TX Clifton-Waco KWOW 103.3

Format Changes  
 Formats are the same as in the "FM Atlas"

AL Atmore WGCX 103.7 rp, still "Rock 104"  
 AL Linden WINL 98.5 k, "Win 98"  
 CA Bakersfield KGFM 101.5 mr  
 CA Kerman KTA 94.3 s  
 CA Riverside KOLH 92.7 rm [1370 AM CA San Jose KBYA 100.3 mr, along with KEEN/CA Taft KMYX-FM 103.9 r  
 CO Boulder KSSP 94.7 [jazz]  
 CT Litchfield WZBG 97.3 to be mr  
 FL Callaway WDRK 103.5 rp, Cool 103.5

FL Fort Lauderdale WAXY 105.9 o, LMA with WHYI 100.7 Fort Lauderdale  
 FL Fort Walton Beach WKSM 99.5 rp, "Kiss FM," ID with Pensacola  
 FL Holmes Beach WISP 98.7 mr  
 FL Starke WEAG-FM 106.3 mr [1 a.m.  
 FL Tallahassee WAME \*90.5 g, on 7 a.m. to/ GA Douglas WDMG-FM 99.5 rm  
 GA Rome WKXZ 97.7 rm  
 GA Waycross WWUF 97.7 r  
 ID Twin Falls KLFX-FM 96.5 o, SMN Pure  
 IL Anna WRAJ-FM 96.5 k, adding Sun talk  
 IL Princeton WZOE-FM 98.3 o  
 IA Independence KOMG-FM 95.3 o, SMN Pure  
 KS Abilene KSAJ 98.5 o  
 KS Manhattan KTD 104.7 k [silent  
 KS Wamego KHC 95.3 g, "Angel 95," had been/  
 MA Hyannis WCD 106.1 op  
 MI Ann Arbor WIOB 102.8 pr  
 MI Essexville WIXC 97.3 k  
 MI Grand Rapids WOOD-FM 105.7 rm  
 MI Owosso WMZC 103.9 rm  
 MI Three Rivers WLKM-FM 95.9 mr  
 MN Golden Valley KQRS-FM 92.5 op  
 MN La Crescent KXLC \*91.1 nt, mono, on air  
 MN Park Rapids KDKK 97.5 mt  
 MN Rushford KWNQ-FM 99.3 on air, r, CHR  
 MS Holly Springs WKRA-FM 92.7 o  
 MS McComb WAKH 105.7 k  
 MO Liberty KXXR 106.5 k, forming LMA with KFKF 94.1 Kansas City KS and KCFM Lexington MO 107.3, rumored to be changing calls to KXXR and going r, but if so what will be the calls for 106.5?  
 MO South West City KWMQ 100.3 kt  
 MO Trenton KTTN-FM 92.1 k  
 MT Great Falls KMON-FM 94.5 k  
 NE Gordon KSDZ 95.5 ko, mono, oldies nights  
 NE Lincoln KLDZ 95.1 o  
 KFGE 105.3 k, "Froggy 105.3"—and Stereo! NV Las Vegas KEYV 93.1 p  
 NH Meredith WWS 105.1 mr  
 NJ Manahawkin WJZR-FM 100.1 r. It combines "safe" current hits with "liberal doses of '60s to '80s hits—no rap, minimal dance sounds, a definite bias toward artists with a rock following. In short, this station has responded to the backlash against the hypercurrent urban flavor of most big city top 40s. Most of my friends at the Jersey shore have been lobbying for this format change for some time." No SCS planned.  
 NM Santa Fe KIVA 105.1 p, Z-Rock  
 NY Avon-Rochester WYNQ 93.3 to be r; \$?  
 NY Fredonia WCOA 96.5 k  
 NY Sodus WNNR 103.5 rp  
 NC Wilson WAHD \*90.5 bg  
 ND Grand Forks KNOX-FM 94.7 k  
 ND Langdon KNDK-FM 95.7 o  
 OH Archbold WTMF-FM 96.1 o  
 OH Celina WKKI 94.3 rm  
 OH Coal Grove WXVK 97.1 k  
 OH Fredericktown WJMR 98.3 rm  
 OK Eufaula KCES 102.3 k, still mono  
 OK Lawton KVRW 107.3 o  
 OK Lone Grove KYNZ 106.7 rm  
 OK McAlester KMC 101.3 k, still "K-101"  
 KTM 104.9 rm, "Bright 105 FM" [FM]  
 OK Oklahoma City KYIS 98.9 rm, "98.9 Kiss/  
 OK Tulsa KBEZ 92.9 rm  
 OR Lake Oswego KMXI 106.7 o, "Oldies 106.7"  
 PA Allentown WAEW-FM 104.1 r, still "B-104"  
 SC Mt. Pleasant WDXZ 104.5 r, "Mix-104.5"  
 SC Ridgeland WSHG 104.9 k  
 SC Walterboro WNOI 105.3 kr  
 SD Mobridge KOLY-FM 99.5 k  
 SD Sioux Falls KELO-FM 92.5 rm  
 SD Watertown KSDR-FM 92.9 k  
 TN Karns WWWW 93.1 k, "Young Country."  
 TN Oak Ridge WKNF-FM 94.3 r, \$, Station sold.  
 TX Abilene KORO-FM 100.7 rm  
 TX Commerce KETR \*88.9 oj  
 TX Dallas KRSR 105.3 k, "Young Country"  
 TX Denton KJZY 99.1 p, "Z-Rock" (strict)

TX Portland KGCR 105.5 r  
 TX San Antonio KISS-FM 99.5 rp, "99-5 Kiss"  
 VA Charlottesville WQMZ 95.1 r  
 VA Narrows WZFM 101.3 op.  
 VA Roanoke WPVR 94.9 rm  
 WA Goldendale KYYT 102.3 rm  
 WA Seattle KUBE 93.3 sr  
 WI Menomonie WMEQ-FM 92.1 k  
 WI Tomah WZFR 94.5 and WBOG 96.1 o  
 ON Ottawa CFMO 93.9 rm

### On Air and DX Ready (Selected)

AR Augusta KABK 97.7, k, had been silent  
 CA Fresno K251AA 98.1; primary KNAK 97.9  
 CA Los Gatos K212AA, but not with KUSP, but with a religious station. "Don't know which one. There are so many of those..."  
 CT Stamford WEDW-FM "88.5  
 IA Jefferson KLSN 98.9—after 7-month hiatus  
 MA Boston (transmitter Cambridge, but directional toward Boston) W242AA "96.3, having moved from 97.7. "A strong signal" at 23 km.  
 MN Thief River Falls KNTN "102.7 nt, mono  
 NM San Antonio-Alamosa K209BC "89.7.  
 "KFLQ is really using this too—complete with both Albuquerque and Alamosa weather."  
 SC Barnwell WBAM-FM 99.1C3, having moved from 101.7 [still oldies, \$88.3; ID with Dallas.  
 VA Winchester WTRM "91.3. "We increased our primary power to [the equivalent of] 50000 watts (ERP) and we are now reaching into parts of Washington DC."

### Off Air or Not Yet On

AK Nome KNOM-FM "96.1 expected on this spring, mainly simulcasting KNOM AM  
 CA Hayward KCRH "89.9, "Haven't heard in years"  
 CA Los Gatos KQDO-2 99.1  
 CA Mountain View KSFH "90.5. "Also haven't heard it in quite a while."  
 CA San Jose KLEL "89.3. "I have never heard this station."  
 CA Santa Cruz KFER "89.9  
 IL Morris WCFL 104.7 (by FCC)  
 IA Eldora KXGA 99.5  
 IA New Hampton KZCE 95.1  
 IA Winterset KTDD 99.5  
 KS Girard KYPG 99.1, "silent pending sale"

OK Atoka KHHC 103.1  
 PA Berwick WKAB 103.5  
 PA Easton WJRH "104.9—still on 90.5; silent during school vacations  
 PA Huntingdon WOHG 106.3  
 PA McConnellsburg WEMX 103.7, unless on with very poor signal—not heard at McConnellsburg exit of PA Turnpike  
 PA Mountaintop WQZM 97.1  
 SC Ravenel-Charleston WMLG 101.7, off air  
 TX Beaumont KWIC 107.9 and KFKH 1380 AM  
 UT Tremonton KBXQ 105.1, along with AM  
 WY Cheyenne KKAZ 100.7 (along with AM KUYU 850 Orchard Valley WY)

### Deletions

AZ Phoenix—one of the "89.5 stations (to AZ State U.); the other "89.5 (Maricopa County Community College), will not be a shareholder  
 CA El Cerritos KECG "88.1. "KQED ran a feature on this subject. The station was a very active voice for students, but was killed by school system budget cuts, which are something of an epidemic here in California."

CA Leggett K217AL "91.3

CA Los Gatos KUFX-1 94.5

CA Newhall KZLA-FM 93.9  
 GA Albany W202AE "88.3  
 IL Springfield K212AI \*90.3, displaced by full power station  
 MN Caledonia KKQO 94.7  
 MS Tupelo W215AC \*90.9  
 MT Big Timber K257AN 99.3  
 MT Colstrip K252AG 98.3  
 K2808U 103.9  
 MT Missoula K280BV 103.9  
 MT Polson K240U 95.9  
 MT Seeley Lake K252BM 98.3  
 NY Binghamton WKGB-1 92.5  
 OH Chillicothe WVXC-1 \*89.3  
 OH New Philadelphia W204AB \*88.7

OH Westerville WBYY 103.9: "To tears, hugs, some laughter, a flood of phone calls from well-wishers and an upbeat medley of *Auld Lang Syne* and *God Bless America* WBYY signed off forever at midnight Dec. 31." Here is a DXing window for central OH people which could last five years while the FCC sorts out who among new applicants should get 103.9.

OK Sellisaw K211BO \*90.1, "CP cancelled, call sign deleted per request of permittee"  
 OR Port Orford K292BC 106.3  
 TN Dyersburg W214AJ \*90.7, replaced by full-powered station  
 WA Bridgeport K280AD 103.9  
 WY Douglas K269AS 101.7  
 WY Evanston K296DJ 107.1  
 WY Jeffrey City K280AF 103.9  
 K285AG 104.9  
 WY Wilson K221DE 92.1

### SCS Changes, 57, 67, 92 kHz

Symbols are as in the "FM Atlas"

MN Park Rapids KDKK 97.5  $\dagger$ C, relay of KNSP 1430 AM Staples MN  
 NJ South Orange WSOU \*89.5 EIES of NJ, 67; French Creole (for Haitians), 92  
 NY Garden City WDR 92.7  $\dagger$ U, 67  
 NY Hempstead WKJU 98.3  $\dagger$ U, 92  
 NY New Rochelle WRTN 93.5  $\dagger$ X, 67, "continuous tone"  
 NY New York WKCR \*89.9 no 92 ( $\dagger$ T, 67)  
 WNYE \*91.5 no SCS (had  $\dagger$ T, 67)  
 WNYC-FM \*93.9 no SCS (had  $\dagger$ C, 67)  
 WPLJ 95.5 no SCS (had  $\dagger$ X, 67)  
 WRKS 98.7  $\dagger$ E, 92, original ( $\dagger$ T, 67)  
 WNCN 104.3  $\dagger$ E, 67 (not  $\dagger$ X). "Unidentified oriental language," simulcasts most of the time with WRKS' 92 kHz

WNSR 105.1 no  $\dagger$ Z, 67  
 NC Raleigh WKNC \*88.1 no SCS; the blind service now exclusively on WUNC \*91.5 Chapel Hill  
 "Back in the '70s my wife and daughter bought me a G-E Superadio with the subcarrier. I got much enjoyment out of it."  
 "The [SCA] adapter in my first scanner works great. Please send me one! EFL-1 adapter kit for my Realistic Pro-2004 scanner."  
 F Mistakes—14th ed. FM ATLAS (Selected)

MN Lakeville KZPZ to be on 105.1, not "05.1," p. 53

OK Holdenville KXKY 106.5 listed as "KXXY," p. 188. KXXY-FM (96.1 and AM) is in Oklahoma City

TX Belton KODC 106.3 listed as "KYZZ" p. 188. KOOC fined \$5000 by FCC for failing to award an announced prize according to terms of a contest.

TX Mirando City KZQZ listed both on 100.5 and 100.9; eliminate listing on p. 175.

TX Tyler (not "T2yer") KNUF 101.5, p. 176  
 On p. 9, "you don't seem to know where your Station Directory by frequency starts!" [It starts on p. 145.]

### NonIDs In Use

Mentioned usually without call letters; "strict" if a station only uses call letters once per hour as

required by the FCC (at or near top of hour)  
 AL Dothan WJJN 101.3 Joy 101.3  
 AR Fayetteville KEZA 107.9 Magic 107.9 (from "EZ-108")  
 AR Fort Smith KISR 93.7 Kiss 93.7  
 KBBQ-FM 100.7 Q-100.7  
 AR Siloam Springs KMCK 105.7 The Power Station (see Poteau OK, below)  
 AR West Helena KCLT 104.9 T-105  
 CO Monte Vista KSLV-FM 95.3 V-95.3  
 FL Cocoa Beach WSTF 101.1 Variety 101 FM (from "Star 101"), causing competitor WOMX-FM 105.1 Orlando to crow: "Why are they changing their name? Perhaps they think it will help them... What other differences will I notice? Not much. It's like a new cover on an old chair," [O-100"]

FL Pensacola WJLQ 100.7 Super Q (was/ PA West Palm Beach WIRK 107.9 uses calls with "Good Time Country" (from "Country K")

GA Bainbridge WJAD 97.3 Power 97 (from "97.3 JAD")

GA Boston WTUF 106.3 Oldies 106

IL Lansing WJPC-FM 106.3 no "J-106"; uses calls; AM-FM simulcast [("K-92")]

KY Middlesboro WMIK-FM 92.7 KY-93 (was/

LA Alexandria KQID 93.1 Fun Radio 93-QID

LA Baton Rouge WFMF 102.5 Hot 102

MI Battle Creek WKFR 103.3 103-KFR

MI Mount Clemens WXCD 102.7 CD-102.7

(from "Smooth Sounds")

MN Marshall KCKK 99.7 Renegade Radio

MN Minneapolis KMOJ \*89.9 FM 89.9

MS Petal WMFM 106.3 Lite 106

OK Oklahoma City KBC 94.7 no "K-94 FM," now uses calls: "94 Country KBC."

OK Poteau KZBB 97.9 The Power Station, simulcast with KMCK 105.7 Siloam Springs

OK Sulphur KXFT 100.9 Fox 101

OK Tahlequah KEOK 101.7 uses calls, not "OK-102"

OR Springfield-Eugene KNSD 93.1 no "K-Sound," uses calls: "93.1 KNSD"

PA Portage WKXU 105.7 Kix Country 105.7 (strict) [Radio (not "K-Life")]

TX Dallas KCBI-FM \*90.9 Sunshine/

TX Galveston KRTX 104.9 uses calls (not "The Breeze"), rm

TX Mt. Pleasant KPKX 100.7 K-101 (not "K-100"), and no longer IDing with Tyler-Longview

TX Sweetwater KXOX-FM 96.7 Kool Gold

TX Terrell Hills-San Antonio KMMX-FM 106.7

106.7 K-Mix (from "Mix 106")

### Multi-City IDs in Use

FL Quincy WFHT 101.5 (having moved from 101.7), ID with Tallahassee (still "Hot 101.5") [Brunswick-Lewiston]

ME Bath WKRH 105.9 with Augusta (not with/

TX Denton KNTU \*88.1 no multi-city ID; ID with Dallas-Fort Worth occurs only Sundays

when it has classical [ton OK]

TX Wichita Falls KWFS 103.3 back with Law/

WA Spokane KZZU 92.9 with Coeur D'Alene ID

"The new book looks great—although I look

forward to the day TX gets an easier-to-read map."

### AM Happenings Most Likely Caused by FM (Selected)

AL Bay Minette (Mobile) WBCA 1110 silent, "sold last year to new owner who couldn't pull it off"

AL Pritchard (Mobile) WLPR 960 silent. "Will try to stay silent until station is sold or picked up in an LMA."

FL Jupiter WEXI 1000 "call sign deleted"

ID Boise KUCL 730 silent pending sale

KS Pittsburg KSEK 1340 silent pending sale

LA New Orleans WTI 690 "has been sold again."

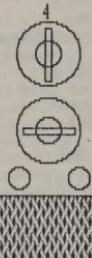
.. One time top 40 grandaddy" to play New Orleans jazz. Other AMs in the market said to be having financial difficulty.

MI Grand Rapids WLAV 1340 "goes back to simulcasting WLAV-FM 96.9 after running 'Z-Rock' for nine months."

73, BZ

# Television News

Doug Smith, Editor  
 14 Brookside Court  
 Nashville, TN 37209  
 (615) 356-8305 CIS 72777,3143  
 W3WI @ W4HRY.TN



## CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
ME	35	500	258	WWLA	Lewiston
				(TL 43°51'06"N, 70°19'40"W)	
				(4km S. of Gray)	
MS	51	1494	379	WPJJ	Jackson
				(TL 3.3km SW of I-20/Miss. Hwy.	
				18 junction)	
OK	62	1000	233	KMNZ	Oklahoma City
				(TL 35°33'26"N, 97°28'31"W)	
				(86th & Eastern, Okla. City)	
VA	65	398	254	WZXK	Ashland
				(TL 37°44'32"N, 77°15'18"W)	
				(2.3km from jct. of hwy. 615 and 652)	

### ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW  
 HAAT=Height Above Average Terrain, in meters  
 nc= No change  
 TL= Transmitter Location  
 CP= Construction permit  
 MP= Modification permit  
 (modification of construction permit)  
 \*= Non-commercial

### APPLICATIONS FOR NEW TV STATIONS

St	Ch	ERP	HAAT	City
MT	18	2684	596	Butte; CTN
NC	35	3532	257	Jacksonville; Webber-Moore Bcstg.
NC	35	2000	301	Jacksonville; Charles Fitzgerald

### APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
KY	49	1820	327	WDKA	Paducah
				(TL 37°23'45"N, 88°56'23"W)	
				(4.8km NE of Vienna, ILL.)	

TX 51 nc 506 KNWS-TV Katy  
 (TL 29°33'40"N, 95°30'04"W)  
 (Senior Rd., Houston's tower farm)

TX 48 3162 nc KNVO McAllen

### APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	62	3746	723	KRCA	Riverside
				(TL 34°11'16"N, 117°41'55"W)	
				(Sunset Ridge)	
GA	57*	39	129	WATC	Atlanta
				(TL 33°48'40"N, 84°21'51"W)	
				(740 Bismarck Rd., WPBA-30's studio site)	
MI	33	221.3	311	WGKI	Cadillac
				(TL 44°08'53"N, 85°20'45"W)	
				(10.4km SE of Cadillac)	
TX	65	1600	nc	KJLF-TV	E1 Paso
WI	24	3000	313	WCGV-TV	Milwaukee
				(hmmm. No change from my reference!)	

### CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
IA	36	6.09	nc	KQCT	Davenport
NJ	63	1510	223	WMBC-TV	Newton
				(TL 41°00'36"N, 74°35'39"W)	
				(4.5km SE of Sparta)	
NJ	66	?	217	WFME-TV	W. Milford
				(TL 41°07'14"N, 74°12'03"W)	
				(near Mahwah)	
NY	48	136	129	WYDC	Corning
				(TL 42°02'29"N, 77°15'18"W)	
				(6.05km E of Borden)	
OH	7	100	174	WHIO-TV	Dayton
				(1414 Wilmington Ave., their existing studio site)	
OK	44	578.1	164	KGLB-TV	Okmulgee
				(TL 35°43'25"N, 95°59'20"W)	
				(1.3km N of Preston)	
WA	4	nc	351	KOMO-TV	Seattle

### CHANGES IN THE TABLE OF ALLOCATIONS

St	Ch	City
AR	57	Springdale (proposed)
CA	54	Calipatria (granted)

### CALLS GRANTED TO NEW STATIONS

St	Ch	Call	City
TX	18	KMZN	Farwell

### CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	Old	New	City
CA	6	KSBY-TV	KSBY	San Luis Obispo
FL	10	WTSP-TV	WTSP	St. Petersburg
HI	26	KMGT	KOBN	Honolulu
KY	40	WQQB	WKNT	Bowling Green
OK	43	KAUT	KTLC	Oklahoma City
TN	50	WXJP	WFBI	Memphis

## NOTES

The call letter change for Oklahoma City 43 (KAUT=>KTLC) reflects that station's conversion from an independent to an educational station.

WQBB-40 Bowling Green has been dark (I saw it once); maybe the call change indicates an imminent return to the air. Their sister station WBNA-21 Louisville is reported back on the air after a dark period.

S.12 has passed the U.S. Senate by a 78-18 vote. It must now pass the House, (also by a 3/4 majority, as President Bush has promised to veto it) to become law.

S.12 would allow local governments to regulate cable rates in some situations. Additionally, it would require cable programmers such as CNN to make their programming available to other technologies. (wireless cable, direct satellite broadcasting, etc.) And, it gives over-the-air stations the option of either requiring cable carriage by local systems, or negotiating a carriage fee to be paid by the cable system to the TV station. (currently, TV stations are not permitted to charge for cable carriage)

Broadcasting reports that WDJT-58 Milwaukee has been airing gavel-to-gavel coverage of the Jeffrey Dahmer trial, in cooperation with WITI-6, who's supplying a reporter, promotion, and technical equipment. WDJT's ratings have reportedly jumped by 300%..

The FCC has allocated 218-219MHz for IVDS, (Interactive Video Data Service) and established rules under part 95. This is TV Answer's system for viewer feedback. Two licenses (each for 500KHz of spectrum) will be issued in each service area.

## FORUM

### Bruce Elving, Esko, MN:

Again on the subject of WDIO-10's new tower, Bruce sent a copy of "Tower Talk '91", an advertising mailing the station sent out after completing their new tower. It includes several photos of the collapsed tower-- which apparently barely missed wiping out two satellite dishes on the station's property. Also shown are a few photos of the process of constructing the new tower. The text notes that

WDIO is now circularly polarized.

### Bill Nienajadly, Clifton NJ:

Bill passed along two newspaper clippings:

From the Jan. 17 New York Post; "A soundtrack from a hard-core pornographic movie popped up on an episode of "Gilligan's Island" telecast in Toledo. The episode, broadcast Tuesday by Fox TV affiliate WUPW (36), began with a conversation between Mr. and Mrs. Thurston Howell III. But instead of their voices, viewers heard the words and sounds from a porn flick." This seems to happen every other year or so-- which is why, if I find anything like that on the satellites at work, I switch transponders as quickly as possible!

And from the Newark Star-Ledger (no date, but I believe it was late January), the FCC has renewed the license of WWOR-9 Secaucus, NJ. Garden State Limited Partnership had challenged WWOR's license, but a FCC administrative law judge ruled that Garden State's application had been filed for the primary purpose of reaching a (financial) settlement with WWOR's existing licensee, Pinelands Inc.. If the settlement had been upheld, Pinelands would have paid Garden State \$2,000,000 in return for withdrawal of the competing application.

### Dave Sinclair, Vancouver BC:

Dave has received & viewed the 1991 Convention tape, and finds it very interesting.. as do I.. He also has some news from both sides of the border...

After sending the item regarding the Lake Havasu City, Arizona, translators (printed in Dec. 1991 VUD), Dave visited the area. He noted that, of the 28,000 local residents, everyone's home has an antenna, usually UHF only; motels and apartments having master antenna systems, even though the area has had cable since about 1974. Dave visited the cable company & was told that it had changed hands three times- presumably leaving gaps with no cable service, hence the antennas. A number of parabolic dish antennas were also noted, as well as VHF and FM antennas aimed at Las Vegas, 185km north.

From the Jan. 24 Vancouver Province, Western International Communications Ltd. of Vancouver is looking forward to two bouts with the Canadian Radio-television and Telecommunications Commission this year.

WIC has operated a pay-per-view service in Saskatchewan for 16 months, and now wants to expand that operation across Western Canada. A decision on that application is expected soon.

They also want to buy CHCH-11 Hamilton, Ontario; a sale the government approved, but contingent on the sale of either CHEK-6 Victoria, or CHAN-8 Vancouver; WIC prefers to keep both British Columbia stations. (an interesting situation-- as far as I can tell, these two stations' transmitters are only 60km apart, and should both put a local strength signal into Vancouver. This would have never been approved in the U.S.!!)

Chuck Jackson, Indianapolis, IN:

sent a quick note showing that the 1990 Television Factbook was \$345 for the two-volume set. He also suggests checking old or recycled bookstores, which is where he got his 1990 Stations Volume for \$4.50!

Fred McCormack, St. Paul, MN:

Fred has a solution for my unID channel 6 LPTV in Chattanooga; W06BG, 56' agl, 58 watts ERP.

He saw a ValueVision network ID on W62BD- other LPTVs carrying this home shopping service are:

W20AU	Atlanta, GA
K55FV	Houston, TX
W53AX	Cleveland, OH
W36BD	Detroit, MI
K07UI	Minneapolis, MN
W62BD	Minneapolis, MN

James Roggentine, Crest Hill IL:

Jim has ended up on TBN's mailing list, and sent a copy of their February bulletin, which shows a number of stations not on the last list printed in the *VUD*. I'll try to get this typed up for April. "The scary part of it is that all the stations that do not have dots, are OWNED by TBN of which 18 are full power and over 135 are low power!!" (not to mention 25 stations in 10 other countries besides the U.S...)

Actually, a list of their studio locations in the same bulletin shows 12 (the FCC limit) full-power stations owned by TBN itself, plus 6 more owned by 3 associated companies. It's these associated firms that have stirred up the controversy (see February *VUD*, p.5), as there's some question to whether they are indeed controlled by TBN (illegal) or independent. (which is legal)

This bulletin also has news of their new stations in St. Petersburg and Moscow, Russia, and in Tonga.

Bill Draeb, Kewaunee, WI:

"On March 15, locals WBAY-2 and WFRV-5 will swap networks from CBS->ABC in the case of ch. 2 and ABC->CBS in the case of ch. 5. WJMN-3 (going from ABC to CBS) and WLUC-6 (from CBS to ABC) will do the same. This is necessary because CBS, Inc. a while back purchased WFRV-5, WJMN-3, and WCCO-4 which will all be CBS network affiliates." (Thanks for this info Bill; there had been some speculation that CBS would sell WFRV and WJMN, possibly making the swap unnecessary. Obviously, this isn't the case!)

"I don't know what local WBAY-2 will carry over night as they didn't say. They used to carry CBS late night programming which made them a 24 hour station." ABC doesn't have an overnight service right now, but I understand they're interested in starting one. Some stations have also carried some CNN Headline News overnight.

"Concerning WXGZ-32 which has been in bankruptcy since 1988, they will be purchased by WGBA-26 and will be taken off the air on Feb. 14. However, this won't last long as they will come back on, sometime in the future, as a Home Shopping Club station." Apparently a WGBA employee plans to buy the station. WXGZ had been the Green Bay market's Fox affiliate; WGBA will pick up the Fox programming. 29 WXGZ employees will lose their jobs. I was rather surprised when WXGZ came on in the first place; the Green Bay market just didn't seem big enough to support two independent stations. Guess it wasn't!

John Marx, Madison, WI:

John asked for help with an unID with the Madison weather radar near channel 14. Seems Mike Stone's article on amateur TV (inside front cover, February *VUD*) was just a few days late; that's exactly what John was seeing! Besides Madison, I know of amateur TV activity in Milwaukee, Chicago, and here in Nashville, and I'm sure it exists across the country. Besides the 420MHz transmissions mentioned in Mike's article, there are a few stations using FM video in the 2300MHz band; "wireless cable" receivers should be able to receive these.

## Robert Walker, Bloomfield Hills, MI:

Regarding the channel 45 application for Vanderbilt, Mich.; "Vanderbilt is located approximately 10 miles north of Gaylord, adjacent to I-75 on the east. This is approximately one hour, by car, south of the Mackinac Bridge which connects the Upper Peninsula to Lower Michigan." "Apparently, the applicant has already cut a deal with the Fox Network, which would provide Northern Lower Michigan and some of the Upper Peninsula Fox Network programming, not available, unless one has cable."

Bob and another local member of the Michigan Area Radio Enthusiasts have noted a home shopping station interfering with reception of WUPW-36 Toledo. Fred McCormack's Value Vision listing solves this one as W36BD Detroit- an interesting assignment, as WUPW's Grade B contour comes within 10 miles of downtown Detroit! A similar situation exists in Chicago's northern suburbs, with W36AO Palatine being within a few miles of WMVT's (Milwaukee) Grade B.

Finally, Bob asks whether a new TV Database is going to be published. I don't know, but I understand Bill Fahber is indeed working on it.

## **FCC RULES PRIMER**

The procedure for starting a new full-power TV station can seem rather complicated- what with 10 different categories in the February column alone! There is, however, a well-defined set of steps involved.

### CHANNEL ALLOCATION

Before you can start a TV station, you have to have a channel. Originally, the FCC's own engineers prepared a "Table of Channel Allocations", a list of channels that could be used in a given city without interfering with other stations.

Today, most of the FCC's original allocations have been filled. But their original work didn't find every possible channel. So, the first step in starting a new station is to have your engineers find a channel that can cover the city you want to cover while fitting into the FCC's interference-protection regulations. Your proposal can move existing allocations to different channels (and even existing stations, if you can get them to agree to the move), but you can't delete a city's last channel. This proposal is filed with the FCC as a petition for amendment of the table of allocations. The Commission's engineers review the

petition, to verify that it indeed avoids interference to other stations. If they approve, the table is amended. This does NOT mean that you get the channel! Now, a filing window is opened for applications for the new channel. Presumably you'll apply for the channel-- but in most cases several other firms will too. FCC staff checks the applications for serious errors (applied for the wrong channel; tower too far from tea city of license to provide a decent signal; applicant already owns 12 stations, etc.) before accepting them for filing.

Next, a hearing is scheduled before tea Commission itself. This can take quite some time; often during this period, one of the financially stronger applicants tries (and usually succeeds..) to pay off weaker applicants to withdraw their applications. (this is legal..) It's not unusual for this process to end up with just one surviving applicant, at which point a construction permit is granted. If more than one applicant survives to the hearing, the Commission considers a number of points (do the owners live in the stations' coverage area? Do they plan to manage the station themselves? Are they minority or female? Have they been honest with the FCC? etc..) and decides which application to grant.

Now, someone has a construction permit. While you can, in theory, put up a tower and buy a transmitter without holding a CP, the CP is your guarantee that the FCC has approved your station, and if you build according to the CP, you'll get a license. The CP also conveys authority to test your transmitter on the air- however, you cannot air regular programs under a CP. For many years, a station would apply for call letters after their CP was issued. While there's been no formal notice, the FCC appears to have begun issuing calls themselves, in alphabetical order, upon issuance of a CP. Of course, you can still ask to change your calls.

Once construction is complete and you've tested your transmitter & antenna, you can apply for the license itself. This license conveys authority to begin programming, and will be automatically granted unless some unusual circumstance has come up.

That's it for this month.. Good DX!

73 Doug

# QSL CORNER & LOGOS RUN

Thomas J. Yingling, Jr.  
ARS: KAJTCC  
221 Pinewood Road  
Baltimore, MD 21222-2345  
Phone # 410-282-5649

NY WSYT 68 Syracuse, 1000 James St., zip 13203. Letter & PFC (prepared file card for qsl'ing stations), from Gary Dreispul, Gen. Mgr in 1 month. (Ross)

ONT CFRU 93.3 Guelph, Level 2, Univ. Centre, University of Guelph, zip N1G 2W1. PFC in 1 month from station manager, name not given. (Ross)

MN KSRO 90.1 Theif River Falls, Theif River Falls Tech. College, Highway One East, zip 56701. Letter from Don H. Jorstad in 3 months. (Ross)

NY W38AN 38 Rochester, 184 Monroe Ave., zip 14607. PFC & letter back in 2 months from Ron D. Kniffin, Pres. (Ross)

ONT CBO 91.5 Ottawa, Box 3220, Station C, zip K1Y 1B4, CBC QSL Card, PFC & letter from J. M. Cartiere, Aud. Rel. in 1 month. (Ross)

GA WXVS 90.1 Waycross, Box 842, zip 31502. PFC in 3 months from Knox Carreker, CE. (Ross)

ONT CICO TVO 42 Mindenoya 7, % Box 200, Station Q, Toronto zip M4T 2T1. PFC & letter from Gerry

Theriault, Oper. Mgr. who says only 20 watts, with 2.8km coverage area. Reply in 1 1/2 months. (Ross)

NY WWTL 50 Watertown, 1222 Arsenal St., zip 13601. PFC in 1 1/2 months from Robert Kurtz, CE. (Ross)

NY WROC 8 Rochester, 201 Humboldt St., zip 14610-0997. & business card from John M. Coon, PFC. of Eng. in 3 weeks. (Ross)

OH WTUZ 99.9 Uhrichsville, PFC & business card in 3 weeks from Don Graff, CE. (Ross)

FL WGSG 89.5 Mayo, Box 644, zip 32066. PFC & business card from William F. Small, CE in 2 months. (Ross)

NY WNJA 89.7 Jamestown, % 23 North St., Buffalo, zip 14202. This is an new WNED-FM translator with 3500 watts with regular call letter. Reply in 1 month from Richard Oel, Station Mgr. (Ross)

FL WOZN 98.7 Key West, 3710-12 N. Roosevelt Blvd., zip 33040. Letter in 2 months from Dano P. Amann, DJ. (Ross)

PA W44AG 44 Erie, % Trinity Broadcast Network, Box A, Santa Ana, CA 92680. PFC in 3 weeks from Ben Miller, PFC. of Eng. for 1000 watts low power tv station/translator. (Ross)

ONT CKAT 101.9 North Bay, Box 3000, zip P1B 1C2. PFC in 3 weeks from Wayne Russell. (Ross)

NY WCNY 24 Syracuse, 560 Old Liverpool Road, Box 2400,

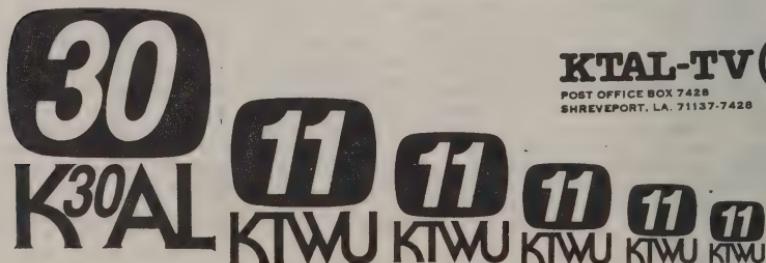
zip 13220-2400. PFC & business card in 2 weeks from Hugh Cleveland, CE. (Ross)

OH WTJC 26 Springfield, 2675 Dayton Rd., zip 45506. PFC & business card back in 2 weeks from John Elliott. (Ross)

NY WCFE 57 Plattsburgh, 1 Sesame St., zip 12901. PFC & letter back in 2 weeks from Charles Zarbo, CE. (Ross)

NY WNPI 18 Norwood, % WNPE-TV 16, 1056 Arsenal St., Watertown, NY 13601. PFC & business card from James Edwards, PFC. of Eng. (Ross)

This month main qsl reporter was Robert S. Ross, ARS: VE3JFC of London, Ontario. Thanks for all the id-logos I have received from: Mike Cherry, ARS: VE7SKA, Bill Nienayadly, Al Quagliari, M. C. Sittel, Robert E. Schweitzer, Christopher S. Dunne, Dave Pomeroy, ? Fountain, Tom Bryant. I may have not given credit to my past logo contributors as it is hard to keep track of who gave what. It takes an little more time to rubber glue up logo's then it does to just type up the qsl items. I do save most logo's that I have received. FM station id logos to me seem to be no good for use but as filler material, as the logo goes nothing for identification of an station, unless the station id slogan is in print. Well that's all for now. Remember to DX & to QSL! go net page .....



**KTAL-TV 6**  
POST OFFICE BOX 7428  
SHREVEPORT, LA. 71137-7428

KTWU • Washburn University • 301 N. Wamamaker Rd • Topeka, Kansas 66604

I did work 2 WIFDA members that are hams in the ARRL November Sweepstakes Contest. I wonder if they got me in their logs? W2CRS & WA5IYX. Anyway, this page will be all logos. Remember to send in some more qsl items as I out again! Lots of logos thought!



GBC GAYLORD BROADCASTING COMPANY



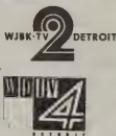
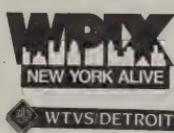
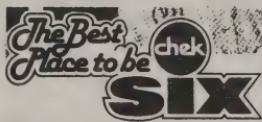
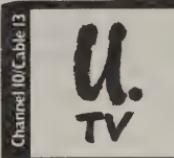
## TELEVISORA DE HERMOSILLO, S.A.

VERACRUZ Y MANUEL I. LOAIZA  
APARTADO 603 HERMOSILLO, SON.

CBS 5 WAGA

### ALL AMERICAN TV, INC

WTJP - CHANNEL 60  
313 Rosedale Avenue  
Gadsden, Alabama 35901



WMVS/WMVT Milwaukee



Be an instant winner tonight! Play the  
CBS/K mart Get Ready Giveaway.  
7PM CBS KHOU-TV 11



IF YOU'RE OFFENDED BY (implied) OBSCENITY, YOU MIGHT CONSIDER SKIPPING THIS COLUMN. A GREAT DEAL OF VULGARITY (#@\*X;) IS IMPLIED..NOT FOR THE SAKE OF BEING TASTELESS..BUT TO CONVEY A TRUE PICTURE OF AN EXTREMELY HEATED EX-CHANGE.



Written by:  
TOM BRYANT  
849 Todd Preis Drive  
Nashville  
Tennessee  
37221

#### THE WINE AND CHEESE PARTY

We've all read about odd laws still on the books...just about every place has them. Some are archaic, some unnecessary, and others simply ludicrous. This tale centers around a piece of legislation in Tennessee that falls into all three categories; yet considering the state is known as the 'buckle of the Bible belt', isn't really too surprising.

To paraphrase the portion of Tennessee's liquor law pertaining to broadcast advertising; **ADVERTISING OR IMPLYING THE AVAILABILITY OF ALCOHOLIC BEVERAGES FOR THE PURPOSE OF ON-PREMISES SALE AND/OR CONSUMPTION IS PROHIBITED.** The law does not apply to newspapers, magazines or billboards (and technically, not to cable tv); only to over-the-air radio and television licensees.

Hard liquor, wine, and wine coolers fall under the jurisdiction of the Tennessee Alcoholic Beverage Commission (hereafter referred to as the ABC). Strangely enough, beer is not included in the ban. Beer sales and advertising regulations are controlled by local governments..and as far as the ABC is concerned, it is not an alcoholic beverage! One more quirk is that wine ads (usually national spots) promoting brand names, but not mentioning specific points of purchase are also allowed.

ABC officials are bureaucrats; and as such, feel obligated to nit-pick at even the slightest hint of violation of the rules. On numerous occasions WSM has been notified by the ABC that we were airing spots mentioning such abominable things as 'drinks', 'cocktails', 'happy hour', and 'fine wine'. There are no penalty provisions (at least none that I know about) for offending broadcasters; but we are asked to remove the questionable material immediately. The restaurant, lounge, or retailer sponsoring the unlawful ads is warned by the ABC; and if there are further violations, the agency is empowered to suspend or revoke the liquor license of the offender.

Although the law is very specific, the search for ways to circumvent it is an ongoing quest. About the best anyone has been able to do is mention "...your favorite beverages." As broadcasters we are on constant patrol for commercials that cross the line. We feel an obligation to let a sponsor know that he's on thin ice before a spot airs. That gives the potential offender a chance to make changes in the copy, and avoid an unpleasant encounter with the ABC enforcers. In most cases the client is unaware of the violation; and after considerable grumbling about "...stupid damned laws...", makes the changes necessary to avoid a jab from the legal corkscrew.

Now that you know the particulars of liquor legalese in a state that for years has been known to 'vote dry and drink wet'; let's get to the specifics of what is probably the most off-the-wall story ever to evolve from the restrictive statutes. By the way, this is primarily a radio story, but could just as well have happened on the tv side of the aisle; thus I felt it merited print in this forum which is almost exclusively devoted to television.

[continued - next page]

**TV TIME TUNNEL-----continued from previous page:**

About 15 years ago a prestigious local men's clothier opened a new store and opted to mark the event with an open house featuring wine and cheese for the guests. When I read the copy, my mental siren went off. This spot wouldn't get past the ABC hawks!

I called the manager of the store (a colorful gent, to say the least) and attempted to persuade him to omit the wine mention. Well, the phone almost melted in my hand! The guy was mad as a hell!

"Those g-- d---- sons of b----!" , he screamed. "Who the f--- do they think they are? It's just a f----- wine and cheese social... I'm not out to get the whole town drunk! S---- I'm running a clothing store, not some g-- d---- wine dive!"

My attempts to get him to change the spot were futile. I took the case to the Sales Manager and the General Manager who met with similar results. Finally, it was agreed that since we didn't want to lose the business, and considering that it was a seemingly innocent event; plus the fact that he didn't seem to mind the threat of a confrontation with the ABC...we would air the spots...but if anyone was called on the carpet by the ABC, we would all plead ignorance and claim that we thought the law applied only to establishments that normally sell wine and liquor.

The spots went on, and after airing for three days, it appeared that the infraction had slipped through the cracks. Not so. On the fourth day, we got a call from the ABC office asking us to remove the ads. We told them we would comply. Moments later we were in touch with the owner of the clothing store. His reaction was a complete shock.

"I wouldn't want to violate the law, and I'm not doing so by running those commercials. Keep them on!" But you ARE in violation, we insisted. "You s----- ought to do a better job on your legal homework." he said. "I expected something like this would happen, so I had my attorneys go over those f----- codes with a fine tooth comb and we're gonna shows those b----- at the ABC a thing or two!"

OK, we wanted to know; what are you going to do to make this legal? "Well, there's a clause they found that excludes communion and sacramental wines; and since the Rabbi owes me a favor, he's going to come down to the store and bless every f----- drop of wine and, if he has to, every f----- piece of cheese!"

The next day, the spots were still airing when an angry ABC enforcement team showed up at the store. The wine was flowing freely...the Rabbi was blessing everything in sight...and the befuddled bureaucrats (after having been shown the provision exempting sacramental wine) tucked their forked tails between their legs and went skulking back to the office. There wasn't a thing they could do! The advertising continued, and so did the wine and cheese party!

It was the only time in my 25 years with WSM that I've seen anyone beat the system! The same law is in place today...standing, I think, as legal testament to the power of broadcast advertising as opposed to print. My personal opinion is that the law is totally unnecessary, but it IS the law...and I call it to the attention of violators just as frequently now as then. However, I can't help but chuckle to myself everytime I recall the wine and cheese grand opening...and its' one-time shot at blitzing an example of the sort of situation which has led to such low esteem for politicians and the laws they foist upon us.

How about a drink to that? But be sure it's sacramental wine if you intend to advertise it in Tennessee!

---

**NEXT MONTH:** A peek at the "WSLS-tv Family Album" courtesy of WTSFDaer David Shapiro in Griffin, GA. Lots of fun pix and vintage equipment!

# TV TROPO TOTALS LEAN?

SNOW TOO MEAN? CLEAN THE SCENE WITH A GREEN SCREEN!

BY ROBERT GRANT, KD8EN

For decades, TV DXers have made great efforts to reduce the amount of "snow" in the picture of weak television signals. High-gain antennas, high towers, low-loss transmission lines, high-gain and low noise RF amplifiers and even the "hottest TV set" all help to reduce snow by reducing the amount of noise in the video signal. However, the DXer can also reduce "snow" at the picture tube, more precisely, at the very front of the tube, by using a monochrome (usually green) monitor from a personal computer.

I happened upon this trick last summer, when my wife asked me to DX on another set so she could watch a program. the only thing in reach of the antenna lead-in was my Teknika TV tuner and her unused Apple III computer. I hooked the tuner up to the green computer monitor to DX. When this system went on line, I noticed that the weak stations appeared stronger! An A-B test was done, WTOL-11 in Toledo (about 80kM distant) appeared slightly snowy with the Teknika tuner hooked to a regular 12" B/W tv set, but on the green monitor, WTOL was almost perfectly snowfree! tests on other weak stations showed the same effect. The system worked well on weak tropo signals. Supered IDs which were too "snowed-in" to be legible on the B/W TV were easily read on the green monitor.

## PERSISTENCE PAYS OFF

The snow-reducing secret of the green monitor is PHOSPHOR PERSISTENCE. Most green computer monitors and older oscilloscope screens use a P1 phosphor, rather than the white, short persistence P4 phosphor used in regular B/W sets. (phosphors in color sets are also short persistence). P1 phosphor is unsuitable for TV sets because bright moving objects in the picture leave "streamers" behind them (not to mention the picture is green!, hi.) The DXer, however, can benefit from the persistence because of the random nature of "snow". For every spot in the picture, the noise may produce a bright spot during one field, and just as likely a dark spot in the next. On short persistence phosphor, the result is the familiar flicker of snow. On long persistence phosphor, the accumulating and overlapping dark and bright spots tend, to some extent, to CANCEL EACH OTHER OUT. The result is less "snow" seen, the snow that remains tends to be finer-grained and seems to flicker more slowly. The process is based on the same principle as taking a photo time exposure of the screen. In the 1950's and '60's, it was common procedure to take a photo of the screen of several seconds when a "snowbound" ID or test pattern appeared on the screen. DXers sometimes IDed their catches when the film came back from the drugstore! The resulting photos were usually unsharp and low in contrast (note that on the green screen you may have to turn up the contrast when the signal is weak). The green monitor lets you reduce the snow "live" and without the cost of film. The snow reduction is not as great with the monitor, but the picture remains sharp.

#### WHAT ABOUT E-SKIP?

The green computer monitor will reduce snow on E<sub>s</sub>, too, but on E<sub>s</sub> the problem for the DXer is much more often co-channel interference than "snow". Here the long persistence phosphor is of less use. The effects of the persistence on carrier-beat CCI ("venetian blinds") varies greatly with the precise frequency of the carrier beat. If the beat frequency is a multiple of the vertical field rate (59.94 Hz in North America) the "beat bars" will remain in place and the long persistence phosphor will produce no difference, but if the beat frequency is at or near an odd multiple of half the field rate (29.97 Hz in North America), the "beat bars" will cancel out on the green monitor. This cancellation also occurs with regular phosphors, but long persistence intensifies this effect and produces the effect over a wider beat-frequency range. Hence the green monitor may actually work against you by "hiding" the CCI.

#### THE HOOKUP

Its easy to try! Simply run a video cable from the VIDEO OUTPUT of a VCR or TV tuner (personally, I use a Teknika TVC-22) to the INPUT jack of the monitor. Provide power for the monitor (in the case of the Apple III, the monitor has its own power supply and can be plugged into an AC outlet).

The monitor, of course, must be compatible with the video standard of the tuner (if the monitor is from a specialized computer this may not be the case). Also remember that the advantage of a monochrome computer monitor comes from its phosphor persistence, not its greenness. Using just the green gun of a color CRT will not have the same effect, nor for that matter will placing a green filter in front of a regular P4 short persistence phosphor screen (which is exactly what was done in some old "el cheapo" home computers).

After you have hooked up your own green screen TV DX rig and judged for yourself if the result is worth DXing in "B & G" (black and green), you can try plugging both the monitor and a regular TV into a tuner simultaneously. There are also other long persistence phosphors on the market besides "P1 green" that may be more effective at reducing "snow" and/or more pleasing to the eye. A more inventive approach was used more than a decade ago by Jerry Pulice of Staten Island, NY in his very successful transatlantic F2 TV DXing efforts. In this approach, a video camera was aimed at a normal P4 tube, and the CAMERA was adjusted for long persistence SENSITIVITY. the result was reduced-snow video on a normal set attached to the video camera.

Any more observations on the use of long persistence phosphors for TV DX would be most welcome.

Robert Grant, KD8EN, 12759 Kelly Road, Detroit, MI 48224.

or phone (313) LA.7-6531  
(1200-1430 or 0100-0330 ET, not on weekends)

From Chicago, Illinois and DX from Robert Kramer (N9MBK).

WVIZ-25  
Cleveland, Ohio  
320 mile tropo  
seen August 25, 1991



WBNX-55  
Akron, Ohio  
307 mile tropo  
seen August 25, 1991



Thanks Bob; you get some good loggings  
from your area. djn

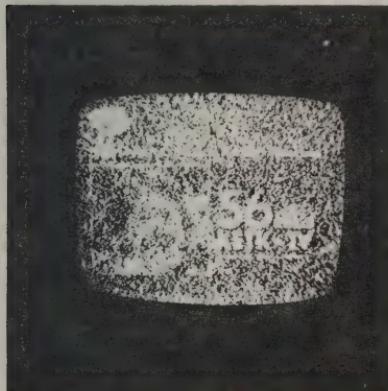
From Christopher Dunne - Pembroke Pines  
Florida we have a Cuban catch while at  
Sugarloaf Key, Florida.

CUBA VISION 6  
channel 9  
100 mile tropo  
Matanzas, Cuba  
seen April 2, 1990

Thanks Chris; sorry your WPSX foto didn't  
turn out better.



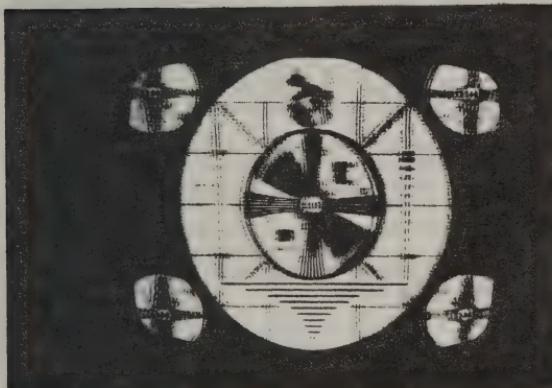
William Eckberg - 1032 Sterling Road - Dixon, Illinois 61021 is asking for your help in identifying a skip station seen on channel 2 last June 29. What makes this test pattern unique is; instead of an "INDIAN HEAD" or call letters. There's what looks like a "FIGHTING COCK" head on top. Have any idea; Bill would appreciate your help.



KETK-56  
Jacksonville, Texas  
747 mile tropo  
seen May 28, 1991  
at 0025 CDT



KFXK-51  
Longview, Texas  
697 mile tropo  
seen May 28, 1991  
at 0040 CDT



?FIGHTING COCK TEST PATTERN? or is it?

2E Caribbean area?

channel 2  
seen June 29, 1991  
at 1418 CDT  
"Took out WESH-2 Florida for 3 minutes"  
"Any ideas!!"



WQPT  
We're Good Gullah Public Television  
KQCT 36 D4 ENPORT LA  
W61BV 61 STERLING IL  
15 mile Groundwave  
"went on the air November 15, 1991"

More from Bill next month.

Till next time,  
*DAVE*

# WESTERN TV-DX

March 1992

Fred McCormack  
Box 17860  
St. Paul MN 55117-7860

Deadline: 04-09-92  
Cut-off: 01-01-92

January provided a fantastic start to the new TV-DX year! Super tropo hung over the Midwest on the 4th and 5th, Pacific F2 was arriving in British Columbia, and every reporter noted at least one E skip opening. According to Frank Merrill, the tropo of the 4th and 5th was the best tropo since the Texas opening of September 1989. In Louisiana, Jeff Kruszka noted E skip on each date from the 2nd through the 8th. January E skip was reported on the following dates: 2-8, 15, 16, 19, 22, and 28.

On another note, I would like to encourage everyone who has included station news with their reports to support Doug Smith's Television News column.

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tent. - t Unidentified - unid S/On - + S/off - =  
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &  
Parallel Programming - // MTS Stereo - \$

CH Chihuahua CU Coahuila GR Guerrero TA Tamaulipas ZA Zacatecas

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66605-1827 (913-266-5477)

CST

Equipment:

VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

At long last, we are settled enough for me to send in a report from my new location. It is, by far, the best set-up I have had in Topeka. We are not exactly on a hill, but we have no obstructions in any direction.

Normal reception is much improved from Kansas City (especially KSMO-62), although KAAS-18 (Salina) is less dependable. In most of the time is K26CR from Kansas City, Missouri as well as KPTM-42 and KHIN-36. I have traps for channel 38 (KCMC) and channel 49 (KTKA). The use of the latter is the only way to get regular reception of KY-50.

Not included in my report was earlier reception of XEPM-2, XEJ-5, and KDBC-4. It was my first ever reception from the El Paso area. Signals were extremely strong.

While in Europe in October, I observed some television in Czechoslovakia and Poland. What a change! Two years ago when we were last in Prague, an all Russian channel (the 3rd in the the city) had just been added. Today it carries a mixture of English language including CNN Headline News. The same is true of Poland where I saw the highlights of the final game of the World Series. Unfortunately, our hotel TV set in Vilnius, Lithuania did not work -- but then, not a lot does there, but that will change.

<u>November 1991</u>	12 tr 1815	WSNS 44 IL 465	3 tr 2300	unid 42 w/ home shopping from se
12 tr AM	KXON 35 OK 190	WEHS 60 IL 465	4 tr 0000	WEVV 44(KY) 445
	WHSI 46(MO) 285	K22CP 22 KS 105		KXON 35 OK 190
	K35CO 35 NE 90	(Salina KAKE-10)		KWHB 47 OK 210
(Cameron	CHA)	K15CN 15 KS 105		WICD 15 IL 420
29 Es 1900	WDIQ 2 AL 735	(Salina TBN)		WFIE 14(KY) 450
	WEDU 3 FL 1090	KDOR 17 OK 175		K15DD 15 KS 130
		(o/ local K17CK)		(Wichita HSC)

<u>December 1991</u>	<u>January 1992</u>		
2 Es 1900	WPBT 2 FL 1270	3 tr PM	WMBD 31 IL 345
	WEDU 3 FL 1090		WRSP 55 IL 335
12 tr 1815	WLFI 18 IN 490		K57DR 57 MO 150
	WIFR 23 IL 405		1430 WKEF 22 OH 610
	WXIN 59 IN 510	(Joplin LPTV)	WRGT 45 OH 610
	WHLA 31(MN) 395	WMTV 15 WI 425	1530 KMEG 14 IA 240
	WXOW 19(MN) 395	2300 WMEC 22 IL 280	1830 WFHL 23 IL 370
	WHTV 15 WI 425	WWTO 35 IL 385	WYZZ 43 IL 360
	WGBO 66 IL 465	KFAA 51 AR 215	6 Es 1830 XEFE 2 TA 830
	WTTK 29 IN 525	(2nd Time!)	XHPN 3 CU 770
	KIN 12 IA 295	WICS 20 IL 335	unid 4 Spanish

The opening of January 3-4 was continuous with some stations (including WICS-20, KDNL-30, KOKI-23, and WHSL-46) in most of the time with strong signals. K15BQ in Topeka has been dark for some time now. I do not expect it to return. Sure makes 15 a better target.

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123

CST

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2 and 5, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

<u>December 1991</u>	4 Es 1102 unids 2,3 CBSs	6 Es 1900 KKTO 2 NM 1026
2 Es 1750 <u>KDKA</u> 2 PA <u>925</u>	1758 unid 2 PBS, 3 SS	( Audio o/WBRZ )
1755 MUF ch 5 briefly	1900 unid 2 w/ XEW ID	7 Es 1658 XHBQ 3 ZA 955
1900 KLNE 3 NE 888	5 Es 1431 unid 2 SS	1712 MUF ch 5 briefly
8 Es 1832 unid 2 briefly	(w/ soccer)	1728 unid 5 w/XHGC ID
<u>January 1992</u>	6 Es 1710 unids 2,3,5	8 Es 1730 unids 2,3,5 SS
2 Es 1845 unids 2,3 SS	1716 KOAA 5 CO 1003	16 Es 1834 unid 2 CCI
3 Es 1659 unid 2 SS	1718 KREG 3 CO 1169	22 Es 1649 <u>WMAR</u> 2 MD <u>1003</u>

An unprecedented 9 days of E-skip in January including 7 DAYS STRAIGHT! I had more E-skip in January than in July of 1991! The E-skip gods must be making up for that abysmal last summer. Although most of the openings were very brief, it was quite a surprise to come home from work each day, turn on the TV, and say, "Not again!" Most of it was from Mexico (assumed), so as usual, just about no IDs. The narrow opening on January 6th to Colorado and New Mexico also went into FM (MUF 92.9).

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661)

CST

Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch. VHF-UHF (Winegard 8100?) with Winegard PA-4975 preamplifier, RG-11, at 40 feet.

<u>December 1991</u>	30 tr 0325 W29AO 29 AL 537	31 tr 0220 unid channel 21-
2 Es 1730 WESH 2 FL 952	0330 unid 38z Tampa?	0246 CICA 19 ON 616
WEDU 3 FL 990	0340 WCOV 20 AL 610	0440 WGTU 29 MI 409
WJXT 4 FL 867	0346 <u>WNAL</u> 44 AL 510	CKCO 13 ON 552
1830 WPBT 2 FL 1161	<u>WTTO</u> 21 AL 525	
12 tr 0200 WAAW 31 AL 453	( See Note # 2 )	<u>January 1992</u>
0205 W29AO 29 AL 537	0427 <u>WLTZ</u> 38 GA 637	4 tr 0415 OKC, Tulsa Us
(Anniston WBRC- 6)	0430 <u>W15AP</u> 15 AL <u>512</u>	0422 K26CR 26 MO 227
0207 <u>W/K64-</u> 64 ?? s	(Gadsden WBRC- 6)	(Kansas City HSC)
( See Note # 3 )	0443 unid ch 31z	0424 <u>WTFO</u> 41 OK 408
0222 WJSU 40 AL 537	0522 WBMG 42 AL 525	(Snow free)
0228 WGNX 46 GA 574	0533 WABW 14 GA 739	0442 <u>K66CN</u> 66 AR 370
WATL 36 GA 574	0535 WHNT 19 AL 453	(Harrison TBN)
0229 <u>WFXL</u> 31 GA	WAFF 48 AL 455	0450 <u>K39CI</u> 39 MO 256
0235 WDKY 56 KY 368	0545 WOAC 67 OH 490	(Springfield religion)
( See Note # 1 )	0700 WTRT 26 AL 434	0500 K20-- 20 OK? HSS
0250 Chicago overload	1330 SW OH Us to	(Relog 2/91unid)
	181 Columbus 320-400	0601 <u>OKFAA</u> 51 AR 359
27 tr 2200 KITN 29 MN 342	WTSF 61 KY 460	1349 WAFF 48 AL 455
2222 KSAX 42 MN 428	WQHS 61 OH 470	W52AZ 52 IN 243
2231 WNNU 13 MI 430	WCVN 54 KY 339	(Evansville CHA)
(Rare)	2230 WGTU 29 MI 409	1356 <u>WMAV</u> 18 MS <u>428</u>
2238 WLEF 36 WI 379	WGKI 33 MI 371	(Over KLJB!)
2327 WGBA 26 WI 301	WUPW 36 OH 383	1359 <u>WKNO</u> 10 TN 368
W57BJ 57 WI 301	WCMU 14 MI 369	1403 <u>WBUY</u> 40 MS <u>420</u>
(Green Bay TAB)	2305 WQLN 54 PA 558	(TBN w/loc tel#)
28 tr 2223 W57AR 57 WI 370	31 tr 0135 unid 29 MI TBN	1430 WKZT 23 KY 320
(Sayner WSAW- 7)	CITY 57 ON 616	1520 <u>WTLK</u> 14 GA
WHRM 20 WI 312	CITY2 31 ON 550	1557 WMPN 29 MS 569
2230 WHLA 31 WI 234	CKC03 42 ON 464	1558 <u>WMAO</u> 23 MS 488
29 tr 0400 WEAU 13 WI 291	CBLN 40 ON 508	(// chs 29 & 18)
(HSS)	CIII22 22 ON 437	1600 WFIQ 36 AL 434
30 tr 0240 Northern Ohio Us	CIII27 27 ON 684	1608 <u>W65BF</u> 65 TN 367
CIII22 22 ON 437	CIII41 41 ON 616	(Memphis WBUY-40)
Detroit Us 405	WEEK 25 IL 58	WXVT 15 MS 469
WTLK 14 GA 521	(AN - Nightside)	(Blasting in)
0300 WAAW 31 AL 453	0207 CFMT 47 ON 616	1858 <u>WMAW</u> 14 MS <u>580</u>
0307 WZDX 54 AL 453	(Strongest ever)	(//18 w/L. Welk)
<u>WTZTV</u> 17 TN 365	WUTVt 29 NY cci	

Frank Merrill (continued)		5 tr	0256 WCOV 20 AL 610	5 tr	0735 Huntsville-
4 tr 2010	WMAE 12 MS 412 (Low power!)	0258 <u>W53AF</u> 53 MS 412 (Booneville WBUY-40)	0300 <u>W55BJ</u> 55 AL 510 (Jasper ANC)	0748 <u>@KQCT</u> 36 IA 80 1420 "Still going"	Atlanta-Columbus (28 & 38) & not much else left!
2017	WLJT 11 TN (// MS 18 & 12 )	WLTZ 38 GA 637 (Nashville HSS)	0341 <u>W24AE</u> 24 TN 367 (Or Macon WGXA?)	2200 WJSP 28 GA 618 (Over W28BE!)	WBMG 42 AL 525 WSBN 47 VA cci WGRB 34 KY 365
2030	WMPN 29 MS 569 WDBD 40 MS 564 (Awesome)	0349 <u>WHSG</u> 63 GA 590 (Memphis VJN)	0403 <u>WNOL</u> 38 LA 724 0441 <u>W36AM</u> 36 TN 367	2211 <u>W51AB</u> 51 GA 490 (Flintstone WCLP-18) (/ 28)	WGNX 46 GA 574 Chattanooga Us
2032	<u>W31AG</u> 31 MS 420 (Clarksdale TBN) (New xtr state)	0359 <u>WDBB</u> 17 AL 513 0500 <u>WDCO</u> 29 GA 685	0502 <u>@NTVM</u> 9 GA 648	2300 <u>=WFLI</u> 53 TN 490 2325 Some MI Us weak	vanishing WXON
2239	KLAX 31 LA 622	0525 <u>WCES</u> 20 GA 676 (See Note # 4)	0532 <u>W51AU</u> 51 TN 526 (Greeneville WKTP-19)	6 tr 0130 All fade except Es 1700 XHIT 4 CH 1194 1728 KMID 2 TX 866	Es 1700 XHIT 4 CH 1194 1728 KMID 2 TX 866
2244	unid ch 64 TBN ( See Note # 3 )	0550 <u>WDEF</u> 12 TN 467 0600 <u>WNMG</u> 34 GA 577	0612 <u>WTOK</u> 11 MS 571 ( See Note # 5 )	1803 XHJMA 3 GR ( See Note # 6 )	1803 XHJMA 3 GR
2258	<u>WJTV</u> 12 MS 567	0624 <u>+WMAH</u> 19 MS 676	7 0300 ( See Note # 7 )		

Note # 1 - (0235 12/12) - This was the most extreme example of "wave-guide effect" ever seen here! Apparent direction was Chattanooga, about 20°-25° off true direction. Within half an hour they were coming in from the proper direction.

Note # 2 - (0346 12/30) - Both stations carrying 3/4 color bars with WTTO ID.

Note # 3 - (0207 12/12)(2244 1/4) - I am not sure if these are from the same station! Jeff Kadet saw the color bars (no calls) often in December implying a QTH like Rolla or St. Louis. I suspect the January catch was further south, as it seemed to peak with KLAX. However, I called three Alexandria stations (including religious FM KVDP) and nobody knew of the channel 64 being active.

Note # 4 - (0525 1/5) - Though Jeff Kadet had this quite strong, I could only hear the slightest bit of the NOAA weather they run before sign on. First tropo here from Georgia's east side. For unknown reasons, Jeff usually does better on channel 20 than I do.

Note # 5 - (0612 1/5) - Channel 11-, same as KPLR, same direction. After following this for awhile, I could finally see "Mississippi" in a local ad.

Note # 6 - (1803 1/6) - I've sent a drawing of the local ID slide to the unid column. Also, I have written to XHJMA.

Note # 7 - WICS-20 NOT on! They were supposed to go all night with "Nightside" on January 6th, but not noted all night on the 6th or 7th or yet. Praise the Lord for small favors. Double joy here, because I presume that co-owned WICD-15 would have also gone all night.

Hello all. Though I often talk about how much I enjoy winter tropo, it's supposed to be much rarer than tropo "in season." This has not been the case! Winter tropo has dominated the 1991-1992 scene so far, with the January 4th-5th event probably the best tropo DX observed here since the classic Texas opening in September 1989. The only significant tropo outside of winter in 1991 happened in late May and late August, but neither opening was as good as early February.

However, none of the tropo reported here had significant effect on FM. I did log WSTZ-106.7 Vicksburg, Mississippi on January 4th but only "by default" - the frequency is wide open here. In fact, I've had no significant FM tropo since June 20th! I'm hoping for another good tropo opening that effects FM (and lowband VHF and NOAA stations).

I'm planning a California trop during February and early March; with that and my van purchase and my warehouse/office now done, I should have no looming major projects to keep me away from getting a tall "DX tower" put up.

I still find it totally astonishing that I'm able to have these results with, basically, an ordinary antenna. Many non-cable rural people here, like myself, have 40 foot towers with similar antennas and rotors. In fact, this setup was in place when I bought the house. Only the rotor and preamplifier have been changed, the preamplifier to a better Winegard (PA-4975). Macomb is far enough from Peoria to require a deep-fringe antenna for snow free reception. Best DX and 73.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201)

PST

Equipment:

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR, Archer 15-578 variable signal attenuator. Antennas: Lindsay CC-30 22 element log-periodic with Dalco EID-5SV 28 dB mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. Homebrew six element 6 meter (50 MHz) wide-spaced beam (2.5 wl) @ 60' with Hy-Gain CD-II rotor.

<u>January 1992</u>	5 F2 1640 Australia 46.253	9 F2 1615 USSR 49.760 vid
1 ms 1123 <u>KAID</u> 4 ID <u>499</u>	vid	1639 USSR 49.7395 vid
(23 seconds)		1712 48.250 video
5 F2 1348 TVNZ <u>45.260</u> vid	Es 1727 KWGN 2 CO 1096	(See notes)
1400 \$TVNZ 50.760 aud	8 ms 2102 KRTV 3 MT 569	1800 48.250 vid 2 cxr
(See notes)	(16 seconds)	17 ms 1956 KCRA 3 CA 739
1613 ABC - Australia	9 F2 1537 USSR 49.757 vid	(7 seconds)
	1555 USSR 49.750 vid	19 Es 1000 \$KTVS 3 CO 1150

An F2 peak spoiled me absolutely rotten for about 10 days in early January!! On the 5th, very strong F2 paths to New Zealand produced watchable video (until my eyes hurt from the flickering vertical roll!!) and shortly thereafter the MUF was high enough for audio from this station (IDed at 1400 as 'TVNZ 1' with STEREO audio). Occasionally this audio frequency has a "spur" from some NTSC channel A2 transmitters, but a positive ID was heard on 50.760.

January 9th produced a very strong opening to various parts of the Soviet Commonwealth with 49.750 video reported in every part of the USA. This signal was quite strong and widely seen throughout North America. At one point there were three different carriers on this frequency! At 1700, I had just finished working a 6 meter station in Papua New Guinea when I noticed a video sync "buzz" on 48.250. This is tentatively Malaysia as the beam heading would indicate. A few pictures (if you can call it that) came through for a minute or so. At 1800, two different carriers were noted. Although I caught the TVNZ audio on tape, using the VCR to record this is impossible because of the massive interference created by transmitting on 50 MHz at the same time. It is fun watching for video between contacts!

Lots of unids during the Quadrantids, although all meteor scatter loggings were done outside the time frame of this meteor shower.

Hope everyone caught some E skip around early January as there were many reports of E skip during this period.

January's F2 bonanza occurred during a supposedly low point for ionospheric propagation. If this is what an off month is going to be like this year - I can hardly wait to see what February-March-April brings.

73s Mike VE7SKA

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CST

Equipment: See February 1992 Western TV-DX

<u>January 1992</u>	5 tr 2200 WZDX 54 AL 503	12 tr 2000 KQCT 36 IA 61
3 tr 0830 KHNE 29 NE 464	2208 WHNT 19 AL 503	15 Es 1815 KKTO 2 NM 972
1400 KXNE 19 NE 402	2235 WKSO 29 KY 405	29 tr 0500 WOIO 19 OH 401
4 tr 0125 KPOM 24 AR 513	6 tr 0120 WTTO 21 AL 582	0515 WKMU 21 KY 358
0130 KHBS 40 AR 513	0138 WNTU 16 TN 419	0540 CBLN 40 ON 419
0440 WHTU 16 TN 419	0200 WAAY 31 AL 503	0545 CBLN4 45 ON 422
0450 KTFQ 41 OK 519	0205 WFXL 31 GA 758	0550 CFMT 47 ON 514
0550 KSNF 16 MO 413	0254 WCOV 20 AL 666	0555 CITY 57 ON 514
0605 KFAA 51 AR 444	0256 WZTV 17 TN 408	CITY2 31 ON 442
1350 KSAX 42 MN 404	0300 WTBS 17 GA 610	
5 tr 2130 WBMG 42 AL 582	2130 KSAX 42 MN 404	

I had my longest tropo ever to the southeast in the AM of the 6th. While watching Huntsville 31 at 0200, WFXL-31 in Albany, Georgia appeared out of nowhere. They were in 20 minutes with color bars and big ID. They are 75 miles north of Tallahassee, Florida. (I sent a picture and one of their engineers called to inquire about the particulars.) Then an hour later, Turner's WTBS-17 in Atlanta took out Nashville 17s distinctive all night slide. An exciting conclusion to 16 days of very unusual winter time tropo conditions.

After many years I've logged the KET outlet on channel 21 in Murray, Kentucky with a good quality signal. Why did this take so long at only 358 miles?

William Eckberg (continued) I am more impressed every day with my new UHF antenna system. The modest height increase, elimination of a large tree toward Ontario, installing the VHF and UHF antennas on separate towers, and replacing the 4975 with the latest RDX Labs preamplifier have combined to give me my best UHF installation ever. The results speak better than words.

KQCT repeats WQPT-24 Moline, Illinois. They are very weak here.

Michael Parks, Route 1, Box 103, Amery WI 54001

CST

Equipment:

Channel Master 1110 Quantum with Winegard PA-1375 preamplifier and RG-11U at 30', Channel Master 4228A with Winegard PA-4975 preamplifier and RG-11U at 35', Alliance HD-73-1 rotor, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

November 1991

14 tr 0030 K49CU 49 MN 161 27 tr 1420 WGVC 35 MI 359  
(Walker KMSP- 9) 1427 South Bend Us

6 Es 2305 KPRC 2 TX 1109  
13 tr 1858 WCMW 21 MI 306  
1915 WGKI 33 MI 351  
1916 W57BJ 57 WI 221  
(Green Bay TAB)  
W68BS 68 WI 221  
(Green Bay TBN)

December 1991

2 Es 0323 KREM 2 WA 1196  
("Crème 2")  
1500 WDIQ 2 AL 1008  
1604 WLBT 3 MS 918  
1606 WBRZ 2 LA 1046

January 1992

4 tr 1720 KMCI 38 KS 473  
KSPRT 33 MO  
8 Es 1840 KATC 3 LA 1062  
11 gw 1935 K35CY 35 MN 56  
(Minneapolis HSS)

Note - K35CY was on the air 24 hours a day through the 14th with nothing seen since, so apparently just testing.

Finally got the antennas back up October 27 - just four days before a snow storm brought an early winter by dumping two feet of snow on the area. Although this winter has shown above average conditions out to 150 miles, there hasn't been much beyond that in the way of true tropo.

With the HD-73 having been discontinued, I was delighted to discover Alliance has a virtually identical replacement model, the HD-73-1. The two major differences between the two are mostly aesthetic; the on/off switch and the azimuth indicator have been "improved." I was a bit puzzled by Eric Voytko's statement in the December VUD that the PA-4975 has been discontinued by Winegard. I replaced my preamplifier at about the same time he did, and I had no trouble in obtaining a PA-4975 as well as a PA-1375 from the same product line. When I ordered them in early October, no mention was made that they had been discontinued. They didn't appear to be from a large back stock either as the date of manufacture stamped on both boxes is 8/91.

The dreaded ValueVision shopping network has finally materialized on K07UI and W62BD in Minneapolis and is now beginning to proliferate throughout the country.

Until next time... 73, Mike

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CST

Equipment: See February 1992 Western TV-DX

January started out good, but two weeks of "deep freeze" set in which killed tropo activity. It looks to be picking up slightly again though.

January 1992	4 tr 2040 KDNL 30 MO 432	4 tr 2226 WZDX 54 AL 685
4 tr 1900 WUSI 16 IL 402	WEIU 51 IL 345	2245 WABM 68 AL 768
WVUT 22 IN 405	2044 WKGB 53 KY 530	WXMTT 30 TN
KOCR 28 IA 280	WHSL 46 MO 432	unid 52 TMC
KSAX 42 MN 380	2110 KSHB 41 MO 525	(St. Louis hdg )
K58BS 58 MN 280	2113 KYFC 50 MO	2321 W30AL 30 IL 199
(Minneapolis TBN)	KSMO 62 MO 525	(Plano CHA)
WQPT 24 IL	2120 KOZKT 21 MO	WZTVt 17 TN
1958 WDRB 41(IN) 437	KCPT 19 MO	2329 WTVQ 36 KY 473
WKMJ 68(IN) 437	KMIZ 17 MO 450	2337 WHNTT 19 AL
2020 KBSI 23 MO 512	2135 KTAJT 16 MO	W19AZ 19 ??
2032 WKMT 21 KY	2148 WGRB 34 KY 499	(Unknown Morse ID)
WKP C 15(IN) 437	2207 KNLJT 25 MO	( See Note # 1 )
WKPDT 29 KY	2210 WBMG 42 AL 768	2349 WFIE 14(KY) 420
WKMA 35 KY 499	WAFF 48 AL 685	5 tr 0715 WAFF 48 AL 685
2040 KNLC 24 MO 432	WCET 48 OH 400	CCI-WCET 5 bars

William Draeb (continued)	5 tr	1308	WSFJ	51 OH	395	7 tr	2106	WTVQ	36 KY	473	
5 tr 0715	WBMG	42 AL	768	1320	WTTE	28 OH	395	2117	WKMA	35 KY	553
WKGQ	53 KY	530			WTLK	14 GA	724		WYMT	57 KY	553
WZDX	54 AL	685			( See Note # 2 )				WDRB	41(IN)	437
K58CM	58 MN	286			WTCI	45 TN		19 tr 0727	WDRB	41(IN)	437
(Duluth	TBN)			1515	WLEX	18 KY	473	20, tr 2102	KNLC	24 MO	432
0720	WKMJt	68(IN)			WKPC	15(IN)	437		KDNL	30 MO	432
	WABM	68 AL		1526	WSBN	47 VA	587	21 tr 1830	KSAX	42 MN	380
0736	WTZVt	17 TN			WQKY	56 KY	504	28 tr 2102	WTCI	45 TN	690
	WTZot	21 AL		1609	WPGHt	53 PA			WPBO	42 OH	461
	WDRB	41(IN)	437	1633	WEMt	39 TN			WDRB	41(IN)	437
0910	WJSUt	40 AL		1645	WHNT	19 AL	685		WCET	48 OH	400
	WGRB	34 KY	499	1745	unid ch 51 se				KOCR	28 IA	280
	WOSU	34 OH	395		( See Note # 3 )				KSHB	41 MO	525
	KNLC	24 MO	432	1808	WGGt	48 NC			KMIZ	17 MO	450
	KDNL	30 MO	432	1907	WTJPt	60 AL			KYFC	50 MO	525
	WHSLt	46(MO)		2036	WBCE	16 ON	270		KSMO	62 MO	525
	WSTR	64 OH	400		WUSI	16 IL	402		KCPTt	19 MO	
	WXIX	19(OH)	400		WEIU	51 IL	345	2122	WQPT	24 IL	265
	WWAT	53 OH	437	2145	WTTE	28 OH	395	2126	KSNTt	16 MO	
(IDed @ 1313)					WIIQ	41 AL	833		WTJR	16 IL	365
	WKON	52 KY	437		( See Note # 4 )				KTAJt	16 MO	
	WCET	48 OH	400	2156	WBMG	42 AL	768	2204	WGLE	46 KY	473
	WCVN	54 KY	407		( See Note # 5 )				WDKY	56 KY	480
	WNEO	45 OH	405		WDBBt	17 AL		2212	WBNA	21 KY	437
	W33AR	33 IL	170	6 tr 1225	WPMt	15 AL			WXIX	19(OH)	400
(Rockford	WCIU-26)			Es 2115	KSAX	42 MN	380		WOSU	34 OH	395
	W45AJ	45 IL	165		CJCB	4 NS	1305		WKON	52 KY	437
(Rockford	CHA)				unids chs 2, 3			2227	WTVQ	36 KY	473
	W62BU	62 IL	170	7 tr 2017	WPBO	42 OH	461		WKYt	27 KY	
(Rockford	WWTO-35)				WCET	48 OH	400	29 tr 0715	KNLC	24 MO	432
	W68BR	68 IL	170		WMSY	52 VA	618		KDNL	30 MO	432
(Rockford	WCFC-38)			2106	WSBN	47 VA	587		WHSLt	46(MO)	432
1030	WPBO	42 OH	461		WPKPt	22 KY		0728	WUSI	16 IL	402
					WKPt	19 TN					

Note # 1 - The W19AZ on January 4th is a mystery. I was tuning across the dial and when I got to channel 19, I caught the last two letters of the call ("AZ") via Morse Code ID. I couldn't decipher the video as there were three or more stations mixing it up. (W19AZ is assigned to Okeechobee, Florida. fm)

Note # 2 - Solid audio ID at 1339. Heavy CCI from WPTO.

Note # 3 - Is WEKT-51 on? (Cancelled. fm)

Note # 4 - "A.P.T." ID at 2159 (audio only) followed by promo for National Geographic Special. Video also there, but heavy CCI from WDRB.

Note # 5 - Over WCLJ for the first time tonight.

About the tail end of the January 5th opening - all day closer stations were overriding Birmingham and Huntsville Us until around 2130 when closer stations suddenly became weaker and further away stuff like WBMG-42 and WIIQ-41 was allowed to come through. It's interesting how Tennessee was practically left out of the opening.

### SPECIAL NOTICE TO ALL DX'ERS

THERE IS A NEW RADIO STATION IN SAN DIEGO COUNTY AND THIS DX'ER IS ADVERTISING HIS BUSINESS ON THIS NEW RADIO STATION. IF YOU SEND ME A CASSETTE TAPE WITH A COPY OF MY PSA I WILL VERIFY THAT YOU HEARD IT. NOTE: I AM NOT AN EMPLOYEE OF THE STATION AND CANNOT VERIFY YOUR ACTUAL RECEPTION OF THE STATION. YOU WILL STILL HAVE TO WRITE DIRECTLY TO THE STATION FOR THAT. THE STATION IS ON FM AT 100.1 AND IS KBNN JULIAN/RAMONA. THEY USE THE FOLLOWING SLOGAN -- "KABIN' 100.1 FM". SEND YOUR TAPE DIRECTLY TO ME: ALBERT S. LOBEL, POST OFFICE BOX 26762, SAN DIEGO CA 92196-0000. BE SURE TO INCLUDE A STAMP FOR YOUR LETTER AND IF YOU WANT YOUR TAPE RETURNED PROPER POSTAGE FOR IT. NO ENVELOPE IS NECESSARY.

ALBERT S. LOBEL

# EASTERN TV-DX

Bill Nienajadly  
PO Box 2999  
Clifton NJ 07015-2999  
1-201-478-3044  
no collect calls

MARCH 1992

Log cut off 3 months

Deadline 4/5/92

Some more reports of the super tropo during the last week of 1991. Mike Reid of North York Ontario reports reception of KVRR ch 15 in Fargo ND at a breathtaking 820 miles! Mike also logged KSAX ch 42 out in Minnesota. Jeff Wolf of MD reports THREE E-Skip dates in January 1992, they were Jan, 4, 6 & 7. But Matt Sittel reports ES to FM (briefly) on Jan, 5th! On January 29th & 30th there was really decent tropo in the TN & Ohio areas with stuff out to 565 miles, with Tom Bryant in TN logging WCMV 27 MI, Tom went on to say it was his biggest month ever for new loggings! With all the great tropo and FOUR reported ES dates in January, one would think this ETVDX edition is covering late May, not Wintery January!

Those wishing to mention reception of Amateur TV stations may do so in your comments. Last year or so in ETVDX Keith Pugh wrote in about ATV and how we can view it. And again in the Feb, VUD it was talked about. Perhaps ATV can be a good probagation indicator for tropo ducting! If ATV DXing takes off, we might start a separate page.

One other headline item. The mobile scanner law has been repealed in New Jersey, this means you can carry your scanner in your vehicle and monitor the MUF (among other things), you can listen to low band and listen during ES season the MUF rising into the TV & FM bands, this will give that extra 'edge' for VHF DXing... NOW TO THE DX!

Jeff Wolf 1131 University Blvd W Apt 701 Silver Springs MD 20902

Corrections to the January 1992 VUD report: dates listed as August should be September, the UHF antenna listed as twin twin lead bowtie, is a twin lead bowtie "Golden-U" by Radio Shack, catalog # 15-623 and TV is a Daytron. (Jeff, did I screw up your report? If I did, let me know-BN) ALL JANUARY 1992 ESKIP except for WUNP

4 ES 1256 UNID 2- cci	6 ES 2309 MUF 3	7 ES 0030 KGFE 2 ND?	7 ES 0110 fade outs
1353 MUF 3	7 ES 0007 UNID 2,-2- PBS	0059 UNID 2+	9 Tr 2330 WUNP 36 NC
1500 MUF 2			

Matt Sittel PO Box 21451 Raleigh NC 27607

From Raleigh NC: 1/8/92 Tr 2320 WSTAT 24 SC 200 (Matt, this was separate from your Kingsport loggings, Raleigh-BN)

FROM KINGSPORT TN JANUARY 5:1992 ES

1228 KBTX 3 TX 877	1229 KPRC 2 TX 888	1430 KMID 2 TX 1165	Some Nice Skip noted 1/5. My Mom tipped me off; she said "WHAT'S WRONG WITH 2" Trying to watch PBS (WSJK). My ears perked up, and when I checked it out, I saw WSJK being destroyed by cci (Awwww!!!), and strong skip through 6! It did peak in FM briefly. No good tropo in Raleigh, though. 73's Matt.
1229 KMOL 4 TX 1037	1230 KIII 3 TX 1069	1600 KEW 3 NM 1210	

Robert Ross (VE3 JFC) Box 1003, STN B London Ontario N6A 5K1 Toshiba portable, UHF Flying arrow, VHF-FM Beam

(See notes at the end of report-BN) ALL December 28, 1991 Tropo except Dec 29 Tr of WEYI 25 MI

1540 WUTR 20 NY	1650 WXII 21 NY	1758 WCNY 24 NY	2259 WCFE 31 NY-nt # 2
1545 WWTW 9 MI	1703 CBCE 16 ON	1838 CICA 38 ON	2045 WEYI 25 MI -(logged on 12/29/91-BN)
1555 WQMA 6 MI-nt 1	1720 WNP 18 NY	1930 CIVO 30 PQ	
1624 CBLFT12-44 ON	1735 CBLFT 15 ON	1942 CBOT 5 ON	

Note #1 PBS prg—"Computer Chronicles—spot for business in Midland, MICH. Multi city ID-OVER GLOBAL TV!!

Note #2 WCFE-ID Plattsburgh NY-on screen -adv-for CJAD 800-stereo in Montreal. This station is actually on Ch 57. The Woodstock, ONT translator for CITY-TV picked up this signal instead of CITY-TV in Toronto-Weird!!

George Greene 1527 Sunset Ave Akron Ohio 44301- Admiral b/w TV 1978, UHF antenna @ 30' AG  
\*\*\*\*NEW REPORTER\*\*\*\* ALL TROPIC JAN 30th 1992

0040 W 36 KY 0050 WLKY 32 KY 0054 WDRB 41 KY 0059 WEHT 25 IN

A decent night for tropo, also on the FM dials...could use more of this type of reception in the winter, heh. Lots of unids all over the UHF band....wish I had a good TV log to have a better idea of what I'm seeing, hi 73

Saul Chernos PO Box 801 Peterborough ON K9J 7A2 (705) 741-4557 From Orillia, a wrap up report;

11/6/91 ES 2100 WDIQ 2 AL

11/18/91 Tr 000 WWTI 50 NY

Comments: really not a lot to say. The tropo was terrible this past fall. It just wasn't there, in fact. I've moved to a better job and am living in downtown Peterborough in a rowhouse. Conditions aren't going to be great. Another local cable company is about to be asked to clean up their @#%ing (leakage) act. I'm close to Burnt River, again, but in the other direction. That'll be fun. Please note my new address and phone number. 73's Saul

Doug Smith 14 Brookside Court, Nashville TN 37209-4503 Sears 19" tabletop, rabbit ears, RS corner reflector @ 6 ft

JANUARY 1992 Loggings

6 Tr 2130 WBMG 42 AL 177	6 Tr 2130 WTJP 60 AL 157	6 Tr 2225 WHSG 63 GA 241	29 Tr WICS 20 IL 296t
WTTO 21 AL 177	2200 WTLK 14 GA 162	2300 UNID 28 see note # 1	See note # 2

Note # 1 3/4 cb w/ID & some other info supered at bottom. Unfortunately, only legible part was "28". WJSP-GA ?  
 Note # 2 Tail end of an opening in which Tom (Bryant-BN) had Michigan. Weak in CCI with EPT ad.

Thanks to Tom Bryant for tipping me off to the Jan. 6 (and 29) opening, which bought one new TV and several decent relogs. (Some of the strongest Birmingham ever) I think there was Es that evening too (Sure was-BN), as I had CCI on local WKRN-2 & Tom said he saw something that looked Es-ish on 3 too.

(Keep up the great job with the TV News column, really is informative!-BN)

Tom Bryant 849 Todd Pries Dr. Nashville TN 37221 (See past ETDX columns for equipment-BN) Total now 312

December 1991

29 MS 0215 UNID 2 HSN (KSNC ?)	29 0259 UNID 2 3/4 cb	30 0052 KDNL 30 MO 258	30 0100 KNLC 24 MO 257
--------------------------------	-----------------------	------------------------	------------------------

January 1992

4 Tr Many hi-v & U	5 Tr 1829 WPBA 30 GA 211	29 Tr 1630 WHSL 46 MO 256 (IL)	29 Tr 2018 WKBD 50 MI 484
relogs-KY, MO, MS&AL	2048 WLTZ 38 GA 272	1659 WYCC 20 IL 407	2030 WTVS 56 MI 484
5 Tr 0159 KRCG 13 MO 339	2059 WGIQ 43 AL 308	1659 WCIU 26 IL 405	2034 WXXN 20 MI 484
0251 WBUY 40 MS 173	2141 WHSG 63 GA 211	1930 WNDU 16 IN 386	2059 WFWA 30 IL 362
0259 WDBO 40 MS 323	6 Tr 0025 WGBC 30 MS 275	1930 WSJV 28 IN 387	2127 WEIU 51 IL 248
0314 KNLJ 25 MO 339	15 ES 1800-1845 cci MUF 2	1932 WSBT 22 IN 387	2159 WYIN 56 IN 368
1130 WLCP 18 GA 151	29 Tr 1159 WICS 20 IL 295	1959 WNTI 34 IN 386	2200 WBGU 27 OH 387
1159 WJSP 28 GA 252	1400 WICD 15 IL 284	1959 WHME 46 IN 386	2205 WUPW 36 OH 430
1829 WATL 36 GA 211	1600 WTCT 27 IL 158	2002 WITK 29 IN 296	2213 WEYT 25 MI 523
1829 WGNX 46 GA 211	1615 WCCU 27 IL 300	2011 WSYM 47 MI 460	2230 W2BAI 1L 178
		2159 WQMV 27 MI 565	2259 ACT 45 MO 175

Comments: December was hardly worth repeating. However Doug Smith tells me that I missed a good opening the week I was vacationing in XHMZ-1and ! (Tom how about XHIT-1and-BN) Oh well, I did get to see some Mexican TV: and found out more about 'ECO' which I'll pass along to Matt's CCI & UNID's column. With the exception of a few days, January was deadsville....but 00000000H, those days things were hopping were fantastic! Very few relogs here..those that do appear are rare (or semi-rare) occurrences. Just a couple of notes...the MI loggings were my first U's from that state...50 was s/f for a short time. Thank to Ed Phelps for help on IDing W2BAI in Salem IL. He thinks it's owned by 'Three Angels Broadcasting' (who are they?? Jim, Tammy Faye and Brother Henry?/?) (Ed Comment; Er, how about Moe, Larry & Curley or 3 Angels from the baseball team out in California?BN) I didn't get the legal call of 45 in Cape Girardeau, MO but they ID as "ACT-45" (religious format). Tom

IT WAS MY BIGGEST MONTH EVER FOR NEW LOGGINGS...THANKS AGAIN TO DOUG ALLEN FOR THE ANTENNA ADVICE! Goodxing to all!

Mike Reid 1408-65 Spring Garden Ave North York ON M2N 6H9	19" Zeith b&w (1977) ICOM R7000, AC-4990
	Radio Shack two-bay on 14th floor

ALL DECEMBER 1991 Tropo

27 2100 Pittsburgh	27 2217 WFCF 38 IL	28 0030 KVRR 15 ND -NT # 3	28 0406 WICD 15 IL
16-22-53	2224 WFFT 55 IN	WT4AH NY	0407 WNDU 16 IN
CBOT5 33 ON	2237 KSAX 42 MN -Nt # 1	Binghamton TBN	0850 WOUB 20 OH
2105 WLEF 36 WI	2310 WMTV 15 WI	0035 WETM 18 NY	0855 WLEF 36 WI
WFWA 39 IN	2310 WHA 21 WI	0050 CFKS 30 PQ	0900 WTSF 61 KY
2112 WYUO 22 PA	2335 WXIN 59 IN	0052 WKGZ 32 WI	0910 WOUC 44 OH
2114 CIVO 33 PQ	2337 W65AJ NY	0053 KRIN 32 IA --Nt # 4	0934 WSFJ 51 OH
2118 WVIA 44 PA	Angelica WNEED	0133 WHRM 20 WI	0947 WXXA 23 NY
2120 WHEE 60 IL	2345 WOSU 34 OH	0200 WDLI 17 OH	1017 W60AD NY
2127 W62AN NY	WGBA 26 WI	0202 W65AJ NY	Savona with
Nedrow WCNY	WMC 23 IN-t	(W/WDLI)	WSKG---
2150 WKUG 33 IN	2350 WNJT 52 NJ --Nt # 2	0350 W54AR WI --Nt # 5	
	2358 WMHT 17 NY	Fence w/WCPC	

## Notes:

1-ABC 42z w/mentions of "ch 5" and references to Minneapolis. Definitely got my attention. Sattelite of KSTP-5. My all time UHF distance record for about two hours. QSL'ed.

2-Shows this opening was going in several directions at once.

3-Fox 15- . A lot of Fox promos and local ads. Heard'downtown Fargo' in several. I had joked about getting this far out earlier in the evening. New all time UHF distance record (about 820 miles) & station # 600 as well. QSL'ed.

Mike Reid returns from the last page

4-Both 32's in at the same time, WXGZ+, KRIN-.

5-Normally a WPNE-38 translator. It is known to repeat WOFC when WPNE is off and according to Frank Merrill this is the only way that WOFC could be seen on ch 54.

Did I really want this opening? Not really, (Gasp!-BN) I had been out and intended to pack for the trip to Florida when I got back. Checked the tropes due to warm evening and saw a lot of Pittsburgh, N.E. Ohio, S.W. Ont, Elmira Wingham, etc. Thought I quickly note this and get on with packing. Until I hit ch 36 and saw a non zero beat, which is a sign of something good. Checked the Icon and found a PBS 36+. For a while I thought it was Oakland, MD until Wisconsin mentions came along. Spent my time divided between Dxing and packing, doing injustice to both. Got away late the next day because of the tropes and had about 2 hrs. sleep. Tropes still going strong.

From now on there is no difference between my UHF distance records for Toronto as a whole, and this location. I wondered if this would happen. My two-bay has out performed my 5' dish at the old house twice.

(Could elevation at this location be a major factor?-BN)

I suspect this opening was due to the "El Nino" effect. Past "El Nino" winters have been quite good for late fall and winter tropes. From this location, upper MI FM's like WCPN-90.5, WAIR-92.5 and WQML-91.7 have been in often. I have wondered why I don't get more in this direction. It is interesting to note that Fence and Fargo are on the extension of this path, so obviously a good direction.

In other news, I believe my un-id ch. 15 "beep-tone" from my last report was CBCQ1, again. Frank Merrill confirms that CBC-North (Atlantic feed) does run such a tone. Little current 16 does have a minus offset, so correct the list in the Nov. report. 73's Mike.

Christopher S Dunne 21541 NW 8 Ct Box 81 Pembroke Pines FL 33029 -Sony Trinitron 9" TV, Teknika tuner, RS 6 e1 FM

11/12/91 Tr 0730 WKCF 18 FL 175	1/ 6/92 Tr 0500 ---t 13 FL 110	1/ 7/92 Tr 0030 W50-- FL 100
new ch 7 (from 68)	See note # 2	/WFLX-29
12/19/91 Tr 0345 ---t 13 FL 110	2350 W16-- FL 145	0030 WJEB 59 FL 300-t
see note # 1	Palm Bay//WESH-2	see note # 3
		1/16/92 Tr 0500 ---t 13 FL 110
		see note # 4

Notes: # 1 TV MARTI-very tentative. Man in suit & necktie, possibly reading news. Unwatchable reception. Could've been CNN Head Line news via WTVT also

# 2 TV MARTI- this time, more likely. Word on screen looked like "Enfoque". Marti does have a show with that title. I'm counting on it, but I'll keep trying if conditions are better& I'm awake that time of the morning. # 3 TBN, other possible Jacksonville 17/47 also in. Is this full power now?

# 4 TV MARTI (no, you're not getting *deja vu*)- this time I'm 95% sure. Was running a western until 0430, news feature until 5.

Don't let the 110 mile distance fool ya. TV Marti is mega-directional, for obvious reasons. From the area that their balloon is stationed (from terra firma, that is), it's only visible from on TV for about a five mile radius. How do I know that? See below.

#### DXPEDITION FROM SUGARLOAF & CUDJOE KEYS, FL-1/18/92

ES 1700 UNID 2 SS ??	ES 1900 UNID 3 ??	Tr eve CV-- 3 & 6 CUBA
Maybe XHRO	Tampico Mex FM's in	CUBA VISION // 9

I am looking for WFTA contacts in the Keys, South Central TX & Latin America. I am trying to keep abreast of the DX scene in these areas. Any help would make me say *muchas gracias*. Setenta Y tres Chris

Dave Nieman 12284 Nice Road Akron, NY 14001-9529

Dec. 1991	Jan. 1992	Jan. 1992
30 Tr 1930 WWTW 9 MI 350	7 ES 0001 KMTV 3 NE 901	22 Tr 0839 WNJS 23 NJ 294
31 Tr 0930 WUJP 10 MI 348	0001 KLNE 3 NE 1091	NJ Net. CB test pattern
Jan. 1992	0030 KDLO 3 SD 955	0843 WNTJ 52 NJ 271
1Tr 1031 WKAR 23 MI 299	1101 KSNW 3 KS 1058	NJ Net. CB test pattern
7ES0000 KATA 3 SD 1235	1202 KFDX 3 TX 1246	28 Tr 0900 WMPT 22 MD 291

Another slow DX period. Dave

#### Field Guide to ETVDX

ES-E-Skip	F2-F2 Skip	TBN-Trinity Broadcasting Net	s/f-snow free	//-parallel to
MS-Meteor Scatter	AU-Aurora	VJN-Video Juke Box	ns/f-near snow free	tent-tentative
Tr-Tropo	AE-Aurora induced skip	xtr-Translator	exc-excellent	\$-stereo

General Guidelines; You submit any logging format as you like, if it is typewritten ready, I might use it as is, if I have space & it follows the general ETVDX format. You can use KM or Miles, but not both, If in KM, say so. No minimum mileage requirements, stuff gets common, I edit it out, applies to tropo only. Comments at end of report are rarely, if ever edited down if it applies to DX,station changes,status,equipment,Dxing in general, you know what I mean. Comments are important just as the loggings themselves. Those are my simple guidelines-BN

# NORTHERN FM-DX

GREG CONGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada  
**MARCH 1992** **LOG CUTOFF: 2 mos. from you mailed** **DEADLINE: The 5th**

Some good trop near the end of 1991 were noted by some, plus there have been numerous off season E-skip openings. Let's hear from you!! There are some interesting comments included in this month's NFM about phasing; you will want to check them out. Plus Dan Oetting notes many low power advertising stations popping up around his home; has anyone else noted this? Also, a column note: I am phasing out unIDs in this column-they should be sent to MATT SITTEL who is doing the unIDs CCI column now. Thank you for your co-operation. Also, I have been lenient in enforcing the log cutoff since it is the offseason, but once the summer season's big columns roll around, I will ask that you please send in your DX within 2 months of your postmark. And now, on to your DX!.....

Bill Nienajadly PO Box 2999 Clifton NJ 07015-2999

1/ 3/92 MS

1848 WHTK 99.7 SC Port Royal "...Hit Radio (announcer says) Jesus Jones!....WHTK.." 23 sec into song  
1944 UNID 99.7 ?? ?? "...12 in a row, making the way for Katey (?), get me off with a good start  
on a Friday night, Sid here, just about to get on out of here..." 8 sec

1/ 6/92 GW/TRS

2048 WBMW 106.5 CT Ledyard \$tereo, VERY WEAK here, they run NESN a/c at nites. new on air  
1/12/92 -Installed another 6 Element ant & another rotor

1/14/92 -Phase box arrived today-Lousy conditions out,cx near dead GW/TRS/PHs

Thru

1/19/92 Composite listings.....With new set-up, 2-Radio Shack FM only antennas and 2 separate rotors

WSUL 98.3 Monticello NY last heard in 1985 at 80 mi, also WDAQ 98.3 Danbury CT 55 mi second time logged  
VS ...Strong semi WKJY Hempstead NY 22 mi and WMQJ New Brunswick NJ , very impressive. Normally WKJY & WMQJ dominate.

WHCN 105.9 Hartford CT only comes in on very strong NE tropo VS...Local WNK Newark (really in NYC), had bits & pcs of WHCN, just barely there but very impressive under dead cx!

CHTZ 97.7 St Catherines VS ..WCZX Hyde Park NY usually dominates North & North West ant bearings, WCZX gone! Also Conn pests WRCH 100.5 & WKCI 101.3 clog respective channels for DX as these come off the back even with the antenna pointed to the West at times. With WRCH & WKCI nulled I can get no more CCI on 100.5 enabling me to hear WFOR Rochester NY and WBGI Scranton PA fading in & out. Nice! Also can null WRFY 102.5 in Reading PA to get a clear empty 102.5 to the Northwest and hear WMQJ fading in from Buffalo NY 275 miles occasionally. On NYC locals, well what did you expect? I can't null them out at 12 miles, but a few of them I can get a bit of a signal reduction, probably enough to get maybe some tropes over the locals and very likely E-skip too. Ooops, before I forgot, there was a E-Skip opening on 1/20/92 at 1705-1745 with a MUF at or near ch 6 !

Comments on the phase box. It is worth the asking price of \$145.00. It has some nice features like you can not only null out pests, but you can bring in them clearer with less fading. I'm very impressed on what phasing in general can do. Phasing itself is not new. It has been in use in the CATV industry for years! A WIFDA member sent a copy of a couple of pages from the CATJ (a catv journal/trade magazine) dated , get this from 1974! Phasing is not new, but the phase-box is. Andy Bolin has an excellent 7 page write-up on the phase-box, send him a SASE for write up, he explains in depth all about phasing in general too! I think phasing is not a total cure -all but rather another still another important tool for FM Dxing. More later when the tropes are up.Goodxing! Bill

## GEORGE GREENE - 1527 SUNSET AVE. - AKRON, OHIO 44301

Equipment: McIntosh MR78 tuner, Stereo Probe 9 approx 35' above ground, new underlined

**JANUARY 1992 DX**

6 GW

1740 WWCD 101.1 OH Grove City, modern CD 101  
right thru WHOT-FM, called to confirm

29 Tr

2225 WHOK 95.5 OH Lancaster, k o/local WCLV  
2228 WAJI 95.1 IN Fort Wayne, very strong

signal with no WQMX slop, mostly oldies

2230 WCOL 92.3 OH Columbus, oldies, Kool 92  
best signal in awhile over local WJMO-FM

2325 WEEC 100.7 OH Springfield, religious  
programming heard in WMMS null

**JANUARY 30 Tr**

0015 WMDH 102.5 IN New Castle, country music  
strong singal instead of usual weak reception.

0018 WFIU 103.7 IN Bloomington, w/classical  
and no sign of usual Erie station. 0020

WYMI 103.9 OH Beavercreek-Oldies 104  
with oldies format on Alan Michaels all night show

now a fairly easy catch with WBBY off the air  
0024 WUBE 105.1 OH Cincinnati, "B105" and

country music right thru local WQKX

Others of note that same 29/30th evening include WQLK-96.1-Richmond, WMEE-97.3-Ft Wayne, and very strong WPIG-Olean-95.7. Yeah, only a couple days worth of loggings here, but figured I'd mention these now since it's the first good tropo cx in awhile around here, hi. TV rather interesting, too, and will be mentioned in Bill's column.

MICHAEL HAWK - 10212 P ST - OMAHA, NE 68127-2130 (402) 592-1186

Equipment: Kenwood KT-815 IF mod., Archer 6 element up 30' fed with RG-6 75 ohm coax.

JANUARY 1992 IX3 Tx (CDT)

1144 KTSE 93.9 IA Sioux Center  
 1300 KLVN 95.9 IA Newton, oldies  
3 MS  
 1457 WHFS 99.1 MD Annapolis, ID  
 1459 WHKO 99.1 OH Dayton, "Dayton, Spring  
 field, K-99.1"  
 1500 WFMK 99.1 MI E. Lansing, "Lansing's  
 home of lite rock and less talk."  
 1534 WFRO 99.1 OH Fremont, Fremont cable-  
 vision ad, weather.  
 1538 KCLV 99.1 NM Clovis, "KCLV, Country  
 99."  
 1603 WOOS 97.5 SC Columbia, traffic report  
3 GW  
 2151 KLSN 98.9 IA Jefferson, The new 98.9  
 AC music.

4 MS

0140 WZFXt 99.1 NC Whiteville, weather,  
 mentions of NC cities then " and ??  
 in ???ville"

4 Tx

1247 KRUZ 102.5 MO Joplin, Z-103  
 1300 KGND 107.5 OK Ketchum, K-Grand  
 1306 KYQQ 106.5 KS Arkansas City, Q-106.5  
 1409 KMOD 97.5 OK Tulsa, 97.5 KMOD  
 1415 KSDB 91.9 KS Manhattan, Women's K-  
 State basketball  
 1538 KTXR 101.3 MO Springfield, SMSU  
 basketball  
 1653 KQLA 103.9 KS Ogden, Q-104  
 1800 KJFW 102.3 MO Waynesville, k

6 Es

1754 XHWM 102.3 TM Nuevo Laredo  
 1757 XHJD 98.9 NL Monterrey  
 1800 XHRL 98.1 NL Monterrey, Nuclear  
 Radio Monterrey  
 1801 XHNLO 97.1 TM Nuevo Laredo, full ID  
 1803 KOYE 94.9 TX Laredo, Y-95  
 1804 KHOY 88.3 TX Laredo, EE and SS ID  
 1805 XHRR 95.7 NL Monterrey, XH-Rica  
 1810 KBNL 89.9 TX Laredo  
 1811 XHXL 91.7 NL Monterrey, 91 Estereo  
 1818 XHSAB 89.5 NL Sabinas Hidalgo, mono,  
 strong but audio was scratchy & weak  
 1820 KELT 94.5 TX Harlingen, K-Light  
 1822 KAYDT 97.5 TX Beaumont, k, K-D ID  
 1829 KCTM 103.1 TX Rio Grande City,  
10 GW  
 1615 KFGE 105.3 NE Lincoln, testing w/  
 satellite feed, \$

11 Tx

0839 KZKL 107.9 KS Great Bend, New Z-108  
 1037 KRKS 102.9 KS Hutchinson Cntry 102.9  
 1150 KSKU 106.1 KS Lyons

12 MS

1432 WCRZ 107.9 MI Flint, WCR's

13 TrS

1545 KDFS 88.1 IA Des Moines, HS stn

14 TrS

1439 KDHX 88.1 MO St Louis

20 Tr (KXRT-103.7 off air)

0025 KUUL 103.7 IA Davenport, Cool FM

0036 KRRQ 103.7 SD Sioux Falls, Crow FM

Who would have thought my best e-skip opening since I began FM DX'ing in May-91 would be on January 6? MUF hit 107.9 and stayed there for at least 10 minutes. I had 13 new ones out of it, with many SS unIDs. I hope others caught this great mid-winter opening. Tropo lately has also been very good. The 12/21 opening reported last issue was the best that I've heard. The 1/4 opening was my first into OK, so most of the stations heard were new, except for a couple heard with TrS before. The meteor scatter was very impressive. On the 3rd, the meteors were coming in nearly constantly around 1500. In the time from 1457-1500, I logged 3 new stations in 3 new states, in only 3 minutes! This was the first shower that I used a cassette recorder to help out. Out of the 7 loggings, I would only have had 4 without the tape deck. The FM-10 just arrived today (1/29), and I hope to put it up this weekend. I'll let you know how it works next month. Totals now for 9 months of DX'ing FM is 294 with 23 states, 1 province and 2 Mexican states. 73's

**COLUMN NOTES:** Part of my "Reid Guide to Northern FM DX" did not turn out as clear as I'd hoped so I will explain it further. When you log a station for the first time, underline it: WKXX. States and frequencies can also be underlined if it is a first for them too. If you have heard the station before, but on a different propagation mode (ex you hear a station on meteor scatter that you previously heard on skip), underline it dashed: KPWR. If you log a station with new call letters, it goes in brackets, such as [WORD]. A tentative logging typically has a "?" after it, such as WMJQt. Because the CCI unID aids column has been started up again, by Matt Stitel, I am no longer printing unIDs, unless I can personally identify it, or if it is something very unusual or humorous. A reference that is very handy for DXing the FM band is Bruce Elving's FM Atlas. If you do not have one, I highly recommend it. Here are some more abbreviations that are used that were not covered last month:

\$ = stereo signal

nx = news

wx = weather

cx = conditions

legal ID = official stn identification  
 with calls + city of license

FF = French language

SS = Spanish language

EE = English language

jx = jingle

TC = time check

o/ = over, w/ = with

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment: Magnum Dynalab FT-101A, Probe 9 at 27° with rotor, RG-11 leadin, Magnum Dynalab amp

## NOVEMBER 1991 DX

25 TrS

1402 WLZZ 104.5 OH Montpelier, k\$, Wheels Country, mixing with WSNX

218

26 MS

0143 KKYK 103.7 AR Little Rock, "KKY." 848

## DECEMBER 1991 DX

2 ES MUF 102.3

1600 WMBV 91.9 AL Dixons Mills, g\$, ID 8621607 WZEW 92.1 AL Fairhope, rp\$, 92 Zoo 9661615 WMEZ 94.1 FL Pensacola, rm\$ 9611616 WAZH 96.1 AL Mobile, ro\$, The Gulf Coast Wave 9561617 WABB 97.5 AL Mobile, r\$, ID 9561623 WQID 93.7 MS Biloxi, ads\$, 94QID 9781634 KAJA 97.3 TX San Antonio, k\$, KJ 13531640 KNEM 92.3 TX Midland, k\$, ID 13771647 WAKW 93.3 OH Cincinnati, g\$, Majesty 93, Es induced backscatter? 3471641 KLAK 97.5 OK Durant, ads\$ 10501654 KLRX 97.9 TX Dallas, ads\$ 11301700 KVET 98.1 TX Austin, k\$, K-Vet 12791702 KLTD 98.9 TX Lampasas, ro\$ 12711707 KPEZ 102.3 TX Austin, ads\$ 12791806 KTXQ 92.1 TX Devine, k\$, Big Tex Does it use this ID?1814 KLLI 92.1 LA Moreauville, ro\$, ID 1042

1816 unID 93.5 LA unID with LA news with audio from unID TV station. Only 2 possible

1821 KRIQ 94.1 TX Floresville, k\$, K-Rio Last heard as KWCB on 94.3 13701829 KJEF 92.9 LA Jennings, k\$, ID mentioned 50,000 watts 1119

2 TrS

1900 WCSR 92.1 MI Hillsdale, ID, local nx heard while listening to Es fadeouts 202

3 TrS

0332 CBCPt 93.5 ON Peterborough, believe this is station with open carrier all night after local CBBL signs off.

3 MS

0403 CKSB71 93.5 ON Kenora, bursts of CBC French net, MONO, likely this, // CJBC-4.

4 MS

0312 WOKQ 97.5 NH Dover, "Here's Clint Black on WOKQ..." k\$, STATE 38 540

0403 unID 99.1 "Here are the Rhode Is. Lottery Results..." (WPLM likely-gc)

5 MS

0123 KMAG 99.1 AR Fort Smith, "KMAG 99.1 thanking you for..." 8870715 KKJQ 97.3 KS Garden City, Q97FM1082

## DECEMBER 6 MS

0453 WQIK 99.1 FL Jacksonville, calls previously by e-skip 9190735 KRDNT 94.1 SD Aberdeen, on Hwy 120754 KRNA 93.9 IA Iowa City, "in downtown Iowa City" 517

8 MS/TrS

0303 KLLZ 99.1 MN Walker, "on the all new KLZ". Last heard as KLLR 99.3, MS 6870402 WMYX 99.1 WI Milwaukee, r\$, ID 3240500 [WKLZ] 98.9 MI Petoskey, r\$, Double Rock KLT is // WKLT 97.5, ex: WJML 2091951 WPHP 91.9 WV Wheeling, Christmas mix MONO, Sounded like a Tourist Info Station, giving directions to the Festival of Lights display between songs, 100 watts. Interference from unid ES stations (ES on ch 2 and 3) at time. 243

9 TrS

1521 {WTCF} 100.5 MI Carrollton, r\$, The Tri City Fox, strict with legal ID at 1551. ID with Saginaw, Bay City, Carrollton, Ex WKPK 120

10 TrS

0318 WJSAT 93.5 PA Jersey Shore, perhaps the one with g, MONO, antenna that way.

13 MS

0118 WVOD 99.1 NC Manteo, "...on 99 WVOD."0354 WMEC 97.3 IN Fort Wayne, calls. Dual mode reception. Was in on weak TrS barely audible, but pinned needle on bursts. 2560539 KMDL 97.3 LA Kaplan, call, prev Es 11160553 WRTOt 98.3 FL Goulds, bits of Latin mx, Spanish talk 12300635 WWKT 98.3 SC Kingstree, "of Kingstree is proud to be a part of industry in Williamsburg County..." 6870653 WAGH 98.3 AL Ft.Mitchell, "...GH, Magic 98..." 7990700 CBAL 98.3 NB Moncton, presumed station with French talk 8310729 CIRQ 99.7 PQ St.Georges de Beauce FF talk into FF C&W mx, 45 seconds! 5760758 WNDS 98.3 KY Bowling Green, "Hot FM 98.3, Bowling Green, it's almost 7 o'clock" 527

14 MS

0655 WMC 99.7 TN Memphis, "At the ??? Mall of Memphis on..." 7320800 KFMZ 98.3 MO Columbia, "...98.3 FM, KFMZ Columbia-Jefferson City" 654

20 TrS

0522 WGRT 102.3 MI Port Huron, ro\$, new stn 75

(Jeff, this is the last page I have from you, but it says "continued". Did a page get lost somewhere on this side or over there?-gc). **STATION NEWS:** In San Diego, 94.9 is now KBZS, with a slogan of "K-Best 95" and an oldies format. In Utah, 107.9 is now KZQQ and SMN Z-Rock heavy metal format. Back east, WKGG 102.7 Cape Vincent, NY is on the air. They are simulcasting WTOJ 103.1 Carthage-Watertown. WKGG IDs with Kingston. They are both known as "Lite Rock 103" and obviously an adult contemporary format. They also runs Syracuse University Basketball games. Down in Florida, WAXY 105.9 is to go to an oldies format, while WHQT 105.1 is reportedly going more towards a mainstream top 40 format. Other expected changes: WPVR 94.9 Roanoke to soft a/c on February 1, and WAVA 105.1 Arlington-Washington may go religious in February, with 100.3 DC to possibly change formats.

BILL NOLLMAN - 35 NYE ROAD - GLASTONBURY, CONNECTICUT 06033  
 (203) 633-2490, Carver TX11A with individually switched IF filters 250 or 280/110 kHz (5 filters switched in any order). Sony analog tuner 3-180 kHz others stock. Channel Master Stereo Probe 9 in attic

## AUGUST 19, 1991 TrS

LOCAL 104.9 off during Hurricane Bob!

1550 WLKZ 104.9 NH Wolfeboro

150 2239 WIBF 103.9 PA Jenkintown, Spanish

1800 WRDR 104.9 NJ Egg Harbor

170 2240 WKSZ 100.3 PA Media, Kiss, 100 have

SEPTEMBER 14, 1991 TrS

not heard since living 40mi from WRCH 190

1213 WQKZ 98.5 NY Catskill, Z-98.5

75 2249 WEAZ 101.1 PA Philadelphia, o/WCBS185

1323 CHEQ 101.1 ON Smiths Falls

300 2318 WIOQ 102.1 PA Philadelphia, full quieting

Q-Country 101

over semi-local Spr. Mass WAQY ONLY by

OCTOBER 24, 1991 Super Tropo

phasing out WAQY with rabbit ears!

1850 WYOU 97.1 ME Bangor

2330 W? 91.7 phased out semi local Storrs,

1900 WQSS 102.5 ME Camden, Coast 102.5 240

CT. Which Philly at this time?

1902 WQCB 106.5 ME Brewer, Q106.5

280 2340 WLEV 96.1 PA Easton, on rab. ears only

1910 WKIT 100.3 ME Brewer, K100

280 2342 WQSR 105.7 MD Catonsville

1925 WHMX 105.7 ME Lincoln, Hot Mix 106 324

25 TrS 270

NOVEMBER 7, 1991 GW

1910 WLAN 96.9 PA Lancaster 210

0500 WMNR 88.1 CT Monroe, sign on

28 GW 1900 WDAQ 98.3 CT Danbury, bout time! 50

with local WESU off the air

JANUARY 1992 DX

40 1 LGW

1527 WHTK 99.7 SC Port Royal, calls

1600 WRSI 95.3 MA Greenfield 55

NOVEMBER 14, 1991 TrS

1605 WHAI 98.3 MA Greenfield 55

1930 WKSZ 102.7 NH Petersburg-easy to ID 190

3 MS

DECEMBER 1991 DX

0711 WHTK 99.7 SC Port Royal, 10 sec.

2 Es

Are they always IDing (seems that way!-gc)

1618 KARQ 92.1 AR Ashdown

1730 WSHH 99.7 PA Pittsburgh, 2 sec. 375

1647 KEOM 88.3 TX Mesquite

11 TrS LOCAL WRKI off the air!

1650 KCBI 90.9 TX Dallas

1015 WZZO 95.1 PA Bethlehem, called to

1652 KERA 90.1 TX Dallas

verify! 150

1657 KODZ 94.9 TX Arlington

KRK 93.7 FM

1700 KPLX 99.5 TX Fort Worth

14 TrS

Wow-never had so many IDs in the ed band in so short a time-much less from Texas!!

(Bill also mentions that WBMW 106.5 in Ledyard, CT is on the air as of 1/92, with poor audio, and an OK signal. Satellite format same as WVIP 106.3 Mount Kisco, and slogan of Mix 106.5 WBMW. He also mentions that WILI-98.3-CT is now running satellite "City FM". Thanks Bill-gc)

ED NOTE: Doug Smith writes to let us know that his October 23, 1991 DX, reported in this column recently, was done from a Newburgh, NY motel room. Thanks Doug!

## RICHARD K. SHAFTAN - 39 OLD MIDDLETOWN RD. - ROCKAWAY, NJ 07866

(201) 586-3563 Beeper for DX: (201) 935-4256. Equipment: Realistic STA-2280 with 3 110 kHz filters, Channel Master 20 ele. TV phased with two Radio Shack FM outdoor Antennas stacked. (In car: Kenwood KRC-430 with 2 110 kHz filters). Revised as of Jan. 25, antennas stacked 7 feet apart 30' AGL thru 3 variable attenuators, a phase tilt and a RS "Variable Interference Eliminator". Both antennas are run thru mast amps

## NOVEMBER 1991 DX

## 14 Trs-MS

1622 WKLI 100.9 NY Albany, ID in car in Randolph

## NOV. 20 Trs-GW cont

1511 WAEB 104.1 PA Allentown, In car at Mile 77

2245 CIRO 99.7 PQ Ste. Georges de Beaucuse, FF

in Toms River, strong and on top

2309 WPIG 95.7 NY Olean, United Way of Olean

1538 WRQX 107.3 DC Washington, In car at Mile 55

2355 WRCK 107.3 NY Utica, Power Hits Rock 107

in Little Egg Harbor

## 18 Trs

1541 WRKZ 106.7 PA Hershey, In car at Mile 52 in Bass River

2310 WWMDFD 104.7 MD Hagerstown, Muzak on top

1553 WCMMS 100.5 VA Norfolk, In car at Mile 40 nr.

on WPSI 107.9 MD Annapolis, phasing o-WEBC

23 Trs

WIOV 105.1 PA Ephrata, phasing o-WNSR

1449 WXMH 99.7 PA Mt. Carmel, local football

WIMX 99.3 PA Harrisburg, ID, rare

DECEMBER 1991 DX

19 Trs

2 Trs

0123 WCEI 96.7 MD Easton, ID

1032 WBWF 92.9 NY Buffalo, "Mix 92.9" (Rich,

20 Trs & GW

your uNID was very likely my local-gc)

1230 WMQJ 102.5 NY Buffalo, In car in Rockaway

1142 WMHR 102.9 NY Syracuse, 91.3 also in

1353 WDHN 95.3 PA Honesdale, in car in Chatham

This station seems to get out better than it used to

1503 WRCH 100.5 CT New Britain, in car Mile 86

RICH'S DX CONTINUES ON THE NEXT PAGE!!!

32

## RICH SHAFTAN'S REPORT CONTINUED

## DECEMBER 1991 DX

12 Trs  
 1802 WTTH 96.1 NJ Margate City, Best of the 60s 70s, and 80s, WTTH, The Touch  
 1830 WDNO 95.3 DE Laurel, ID  
 1832 WOOC 103.9 MD Ocean City, ID, disco  
 1849 WKSR 102.7 NJ Petersburg, Sports talk phased thru WNEW-FM. Listened in Atlantic City  
 1900 WDIH 90.3 MD Salisbury, Gospel, ID  
 13 Trs  
 0000-0030 Trop to Boston, Rhode Island coast  
 14 MS  
 1001 WWJS 99.7 WI Black River Falls, ID  
 2039 KRVR 106.5 IA Davenport, "Continuous soft hits, 106.5 KRVR"  
 2308 CIRO 99.7 PQ Ste. Georges de Beauce, FF on MS, again with French country music  
 20 Trs (on trip to Florida)  
 1550 92.9/98.5 WMGS/WKRZ in Dover, DE  
 1751 WINC 92.5 VA Winchester, in Salisbury, MD  
 (other loggings appear in Southern FM DX)



## JANUARY 1992 DX

4 MS  
 0050 WMC 99.7 TN Memphis, FM 100 5th and 6th Es to Nova Scotia, not into FM  
 19 Trs  
 1926 WBMW 106.5 CT Ledyard, "New Mix 106.5"  
 20 Trs  
 1957 WEZG 100.9 NY Syracuse, Lite 101 FM  
 2010 WRNX 100.9 MA Amherst, ad for blues mx  
 2321 WKLL 94.9 NY Frankfort, "Classic Rock 94.9 WKLL", Mt. Washington also in/out  
 23 Trs  
 1140 CFMX 103.1 ON Cobourg, promo for store in Belleville and ment. Toronto Symphony Orchestra  
 25 Trs  
 1945 WZKZ 106.1 NY Corning, "Today's Best Music Mix, KZ106", WBLI/WEGX phased  
 FEBRUARY 1992 DX  
 2 Trs  
 2053 WPCX 106.9 NY Auburn, "Country 106.9" News Leader in Cent. NY, WKDN phased  
 3 Trs  
 0112 WHYT 96.3 MI Detroit, "Magic 96.3 FM" (?) High will be 44 in the Motor City at 96.3 FM". In for a few minutes. Others coming in include a lame and CFMK, which is now IDing as part of the Star Country Network. A warm front was about to pass through the Detroit area. Check of the Weather Channel had 44 as projected high for the day. Michigan is the first state I have received on Eskip and trop. Lots of MS all night

Sorry I have been out of touch but between August and November my business (political media and consulting) keeps me going 24 hours a day. Shortly after the elections, Bill N. modified my JVC receiver, Kenwood and GE Superadio II with 110 filters. The results are far better than even the 150s. Now I can listen to WQSR Catonsville MD or WMVR Endicott NY (both 105.7) in my car in my front yard, just 2 miles from WDHA Dover NJ 105.5. In January, threw 110s in the XYL's Realistic and it outperforms the JVC. Before the 110s, this receiver was useless because the 200 kHz steps made adjacents impossible to receive. The 110s make it possible to DX on this kind of setup. In fact, I don't even use the optional 50 kHz spacing on the Kenwood because there is no signal left 50 kHz away.....Bill N. sold me a phase "tilter" he built for the cost of parts and it makes phasing much easier. Frankly, it seems to work almost as well, although not as simply, as the phase "shifter" sold by Andy Bolin that Bill has, when I couple it in a circuit with a variable attenuator on each of the feed lines. The FM antenna is then run through the phase tilter and meets up with the main feed line in a low loss coupler, that line runs into one of those Radio Shack 0-10-20 amps (set on no gain, since there are too many images when the amp is turned on). On the 300 ohm side in the "Variable Interference Eliminator" that is tuned for the best null. (Sounds interesting, I should try this-gc) I can knock down the NYC stations enough to get some decent trop thru them, and can eliminate Philly stations and those further. In addition I can put a signal "in phase" and boost it by about a db or two. That is how Detroit came in. My antenna installer told me that there used to be a company that sold phasers for the purpose of eliminating Channel 3 interference to Channel 2 and the like, but they went out of business because of low demand. Maybe someone can find one of these things. Do you have a fax number for reports? (No, sorry-gc)

**STATION NEWS:** As a result of WRQN 93.5's switch from top 40 to oldies, WVKS 92.5 Toledo is going farther in the top 40 direction to compensate. Macon, Georgia has another top 40 station: WNEW, "107X". In Texas, 101.7 Huntsville is now KSAM, and "Thunder Country", country music obviously. WKZL 107.5 Winston-Salem, North Carolina retains those calls but is going more in an adult 40 direction and a new slogan, "The Eagle". Thanks Matt Sittel. In suburban Minneapolis, KXLV 105.5 takes on the old 99.5 calls: WLOL. Also in the Twin Cities, 93.7 has become KRXX "93X" and a harder album rock format. KJZY 99.1 Denton-Dallas switches to "Z-Rock" satellite format....In the Memphis area 94.3 Germantown has switched to WFGI, "Oldies 94". Out in Portland, Oregon, KMXI 106.7 has gone to an oldies format and an appropriate slogan: "Oldies 106.7". WGRT 102.3 Port Huron, Michigan is on the air with SMN adult contemporary. KATG 94.7 Luling, TX stays country, but is now local and reportedly more upbeat. 105.3 in Dallas is upbeat country music now, calls are due to change soon. There has been a request for frequencies swap in Kitchener, Ontario, that would send CHYM-AM to 96.7 and CKGL-FM to 570. No approval as of yet. New station on the air: WISP 98.7 serves the Sarasota area, with soft a/c "Wispy 98.7". Same area: WEEJ 100.1 is now adult alternative jazz format. Nashville gets a beautiful music station is WQZQ, "Cozy 102" and is also considering a translator. WCQA 96.5 Fredonia, NY is reported to be going satellite country in March sometime. At least temporarily, WDJD 99.7 & WZKS 103.9 are simulcasting because of a LMA.

**dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2**  
 Equipment: JVC JRS 201 Receiver (mod w/3 150 filters) Magnum Dynalab 205 slueth, Probe 9 fed with RG6  
 at 50 feet above ground level. Crown rotor. Distances are in kilometres

**DECEMBER 1991 DX****22 Trs**

2200 WFCB 94.3 OH Chillicothe, r, FCB-94  
 Chillicothe, Amos Bros. music, former ms 483

**JANUARY 1992 DX****4 MS-Trs**

0603 WXYY 102.7 MD Baltimore, s, V-103  
 after ad from K-Mart, Vanessa Williams 529  
 0801 WESA 98.3 PA Charleroi, r, Class FM  
 This is 98.3 WESA, news followed 344  
 0829 WSNY 94.7 OH Columbus, ro, Sunny 95  
 time check, music by Bob Seger 433  
 0843 WKBI 94.3 PA St.Marys, r, The Rocket  
 "Welcome aboard the Rocket" 258

**7 MS**

0805 CITE 107.5 PQ Quebec, b, calls in FF 819

**8 Tr**

0750 WWWW 105.5 OH Sylvania, r, 3WM  
 "your oldies are great and more", time check 313

**9 Trs**

0752 WKYS 93.9 DC Washington, rs, "93.9  
 WKYS Kiss", Top 30 USA follows  
 1018 WACZ 93.9 NY Dansville, rt, wx, then  
 "Lite 94", a possible new non ID

**JANUARY 12 Trs**

0843 CFMO 93.9 ON Ottawa, m, FM 94 after ad  
 calls sung out "CFMO FM 94", Elvis mx 447  
 1000 WRDL 88.9 OH Ashland, pr, 89 Rock  
 after Easter Seals PSA, "From the heart of it all,  
 in the Midwest, your dial position is 88.9 FM" 304  
 1001 WEKU 88.9 KY Richmond, cj, "a service  
 of your friends here at WEKU & WEKH" 679

**15 Trs**

0800 WEKH 90.9 KY Hazard, cj, // 88.9 WEKU  
 legal ID for both, NPR w/Bob Edwards 704

**16 Trs**

0756 WTUE 104.7 OH Dayton, pr, W-2 FM 515  
 0903 (WORD) 104.7 PA Pittsburgh, g\$, ex WEZE  
 WYDD, & WPGH, calls, new format 309

1031 WWMD 104.7 MD Hagerstown, b after  
 instrumental mx, weather forecast 446

**17 Trs**

0756 WHPA 104.9 PA Hollidaysburg, mr, FM  
 104.9, Accu Weather 345

**18 Trs**

0743 WZLE 104.9 OH Lorain, g, Victory 105  
 0800 WDON 104.9 OH Geneva, ro, "Heard It  
 Through the Grapevine", new format 161

**21 Trs**

1000 CFBG 100.9 ON Bracebridge, rm,  
 Muskoka FM 101, "Serving Muskoka, Bala, Graven-  
 Hurst & Bracebridge", news follows 230

The DX blahs have returned for another season, all kinds of relogs and mostly static, spring trops and BlueJay  
 baseball seem so far away. Let's hope for some freaky weather conditions to heat up the band. 73, dB

**SAUL CHERNOS - P.O. BOX 801 - PETERBUROUGH, ONTARIO K9J 7A2 (705) 741-4557**

From Peterborough, my new home base:

**NOVEMBER 10, 1991 GW**

1310 Pirate 99.1 ON Peterborough

**DECEMBER 26, 1991 Tr**

1800 CITE1 102.7 PQ Sherbrooke, French

1830 WRKT 100.9 PA North East

**JANUARY 1992 DX****6 Es**

2235 CBAF 88.5 NB Moncton, FF, CBC jazz  
 2245 CKIX 99.1 NF St.John's, k  
 2251 CHOZ 94.7 NF St.John's, Oz FM, r  
 2258 CBAF 88.5 NB Moncton, FF sports

From Burnt River, 50 minutes to the northwest

**NOVEMBER 10, 1991 Tr**

1227 WXTA 97.9 PA Edinboro, k

From Orillia. So long, it's been good to know ya:

**OCTOBER 19, 1991**

2236 CJMJ 100.3 ON Ottawa, rm, "Magic"

**Comments:** I'm working in Peterborough and have therefore moved. Please note my new address and telephone number. I'm a bit close to Burnt River, but in the opposite direction. It's a lot less snowy here: i.e. we got 20cm of snow in the second week of January, while Orillia recorded 100cm. It collapsed the library roof there and made it pretty well impossible to see the street from the sidewalk. I never encountered anything like that when I was there, but man am I glad to be out. I discovered the pirate when I came here to find a place to live. I have one car radio button affixed to 99.1 because of CKO's absence and just happened to flip it on as I entered town for the first time, hearing two versions of Tower of Song by Leonard Cohen; one by the poet himself. An omen of things to come? It's on a lot, but it's all music - a real variety - and talk is rare and IDs non-existent. I hear it's run by someone who was given the boot from CFFF 96.3, a.k.a. Trent Radio. It runs from a downtown Peterborough building, and I estimate it's 10 to 50 watts, depending on the quality of the set-up. No stereo. I get 'em near perfect. I'm trying to determine if one of them had anything to do with Pirate 90, which ran at 89.9 from Toronto Island a few years back. If it's on this summer, could be a neat Es target. The January 6 Es was a surprise. I was driving from Toronto and heard French on 88.5 when I turned the radio on just outside of here. Got a NF time check (1 1/2 hours ahead) on 94.7. Wish I'd turned on the car radio in Toronto earlier on. I guess I assumed conditions would be dead Jan.6 at 10p.m. WXTA was really wanted for my Burnt River log; caught it while driving near there.

## DAN OETTING - 22 CARRIAGE LANE - EXTON, PENNSYLVANIA 19341

Equipment: Harmin Kardon Citation 23, Yamaha T70, Archer 20db booster, bunny ears

## AUGUST 1991 DX

1 Tr

0100 WFRS 88.9 NY Smithtown, ID, g

3 Tr

0800 WCVE 88.9 VA Richmond, ID, wx

OCTOBER 1991 DX

6 GW from Long Pond, PA

1200 WEFR 107.7 PA Tunkhannock, rp

21 TrS

1203 WMCX 88.9 NJ West Long Branch, nx

24 TrS

0740 WRTY 91.1 PA Jackson Township  
jazz parallel to WRTI 90.10758 WAAF 107.3 MA Worcester0800(WQMR) 107.1 MD Fredericksburg  
new calls, Power 107

NOVEMBER 1991 DX

8 Au

1340-1400+ Strong Aurora hash all over  
the FM band. A index 99.14th-22nd: WYCL 107.5 off for good. WBLS  
and WKRE and lots of unID meteor scatter

22 GW

(WBWN) 107.5 PA Boyertown, new  
call letters, g

Okay, so when did super lower power repeating tape stations be allowed to broadcast on the FM band? I thought that kind of stuff was restricted to 530, 1610, or 1620 khz AM (I thought so too-gc). Starting in late October last year, numerous non-IDing low power signals have been popping up all over the educational band on FM. The first one I noticed was a continuous loop tape (about a minute long) saying "Welcome to Cambridge Chase, welcome to your new home!" The announcer proceeded to describe the homes and mention the builder and realtor. It repeats itself over and over, 24 hours a day and has a signal that gets out about 2 miles! This station popped upon 88.9 and originates here in Exton. A few weeks later I was on the same frequency describing another new building complex of homes. Once again the signal travelled about 2 miles. The same announcer has been heard on 2 new recently received low power transmitters—One for Pizzeria Uno in King of Prussia, PA on 91.9—"Radio Uno"—(describing delicacies at the restaurant and saying mention the radio station for a discount) The other, another new home complex "Whitford Station" on 88.1 in Exton. A different announcer has popped out on 88.9 with his own repeating ales pitch tape on "Winner Ford Radio" battling with the other Exton low power station, and now the newly licenced WBWN-88.9. Has anybody else been encountering these low power advertising pests? Anyway, very little DX to report since August, not even winter Es! Waiting for some marvelous spring tropo Byel

## GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: see previous VUDs, no change

## JANUARY 1991 DX

17 TrS

2320 WKMZ 97.5 WV Parkersburg calls, ad 296

29 Tr

1936 WHOK 95.5 OH Lancaster, k\$, strong 3041939 WHKO 99.1 OH Dayton, k\$, strong 365

## FEBRUARY 1992 DX

1 Au

1800 WFGM 97.9 WV Fairmont, calls

254

## FEBRUARY 1992 DX

3 Tr 2000 CITE1 102.7 PQ Sherbrooke, FF ad 3752013 WCAN 93.3 NY Canajoharie, c\$ with WWSE Jamestown phased 2072100 WKGG 102.7 NY Cape Vincent, new on the air, "Lite Rock 103", ID with Kingston, they are // WTOJ 103.1, Syracuse U. BKB game 142

Not much DX going on. I am not 100% sure on the date of the WFGM logging, it was sometime early in the month I know. See you in a month!

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 1

# SOUTHERN FM DX

MARCH 1992

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV.

## EL NINO WEATHER EFFECT HAVING LITTLE INFLUENCE ON THE TROP.

Eric Sundius, P. O. Box 513, San Miguel, CA 93451

Equip.: Marantz SR 440 receiver, Pioneer TX 9500 tuner(both IF modified), 6 element Jerrrold FM antenna, preamp, RG6 coax.

1/4 Es

1020 <u>KTTS</u>	94.7 MO Springfield, calls, k	1109 <u>KDCK</u>	95.5 KS Dodge City, "K-95, lcl ads
1042 <u>KTHB</u>	94.1 OK Okmulgee, "The Hawk"	1113 unID	93.5 ? "Y-93", k
1052 <u>KWEN</u>	95.5 OK Tulsa, Tulsa wx, ref.		

I called Jim Pizzi in nearby Paso Robles and he was able to hear the Missouri station on his DX 440 portable with the built-in whip! John Jefferson also got in on the opening from his house 200 miles north of me. 73's.

Doug Smith, 14 Brooksside Court, Nashville, TN 37209-4503

Equip.: Technics ST-G50, 3-el. quad at 4 feet.

Nashville, TN DX:

1/6 tr

2127 <u>WMBW</u>	88.9 TN Chattanooga, end of REL program & legal ID.	115
2131 <u>WYYB</u>	93.7 TN Dickson, new local testing. Rather weak..	29
2143 <u>WIKG</u>	94.9 TN Greeneville, oldies & call ID.	225
2144 <u>WFOX</u>	97.1 GA Gainesville, oldies & "Fox 97"	213
2200 <u>KJBR</u>	101.9 AR Jonesboro, "This is KJBR-FM, Power 102"	215
2321 <u>WDJC</u>	93.7 AL Birmingham, call IDs & promo	181
2326 <u>WKHX</u>	101.5 GA Marietta, "Kicks 101.5"	200

1/29 tr

2330 <u>KKLR</u>	94.5 MO Poplar Bluff, "...on K-94 KKLR"	205
2334 <u>KGMO</u>	100.7 MO Cape Girardeau, Cape Girardeau weather	172
2342 <u>WCIL</u>	101.5 IL Carbondale, "RockinRadio CIL-FM"	173

1/30 tr

0005 <u>WBLG</u>	107.1 KY Smiths Grove, local ads & "The 50,000 watt Gator G-107".	
	New power increase is on.	69
0654 <u>WAPI</u>	94.5 AL Birmingham, ad for business on I-459	183
0702 <u>WKKG</u>	101.5 IN Seymour, local ad & call ID	199

Local "Q-102" (WYCO-102.9, WQZQ-102.5, and WCTZ-1550) appear to have added a second translator, apparently in downtown Nashville, and on either 102.3 or 102.1MHz. Haven't been able to hear it yet on a digital radio.

John Jefferson, 4104 Spyglass Court, Antioch, CA 94509-6051

It's been a while since I've written; thought I'd reported through the end of the skip, but not so. It wasn't a great season & I missed what must have been one of the major events on 6/10 due to a business trip. As always, new are underlined: dashed underline means new mode; @ indicates new to Antioch. # means heard on Blaupunkt going to or from work (in Antioch).

TIME	CALLS	FREQ	ST	CITY	DIST	REMARKS
6/19/91	ES					
2029	<u>CKUA13</u>	91.3	AB	Drumheller	1055	// 94.9 w/ c
	<u>CKUA</u>	94.9	"	Edmonton	1155	// 91.3; phone verie
2033	<u>CKYX</u>	97.9	AB	Ft. McMurray	1380	Lcl;kicks 98
2052	<u>KKHT@</u>	97.1	ND	Minot	1240	Lcl;K-Hit 97
2056	<u>CBU</u>	105.7	BC	Vancouver	805	c: phone verie
2059	<u>CHFA2@</u>	103.5	AB	Red Deer	1080	CHFA ID
	<u>CHFA6</u>	101.5	"	Ft. McMurray	"	// 103.5
2105	<u>CBXN</u>	99.3	"	"		c: phone verie
6/30/91	ES					
1443	<u>KKOB</u>	93.3	NM	Albuquerque	875	KOB
1500	<u>KATX</u>	97.3	TX	Plainview	1150	Calls
1516	<u>KCLV</u>	99.1	NM	Clovis	1060	"
1600	<u>KENW</u>	89.5	"	Portales	1050	Local

CONT...

## SOUTHERN FM DX

## Jefferson, cont.

7/1/91	ES				8/3/91	TR		
0928 KZNA	90.5	KS	Hill City		2158 KPEY@	104.7	CA	Garderville
1154 KELI	98.7	TX	San Angelo		8/22/91	ES		
1158 KACI	89.7	"	Abilene		0833 KATG?	94.7	TX	Luling
					0845 KKKK@	99.1	"	Odessa
7/6/91	TR				8/12/91	MS		
1000 KMAK	100.3	CA	Orange Cove		0933 KHII	94.7	CO	Boulder
7/15/91	TR					ES		
0201 K205BT	88.9	CA	Laytonville		1859 K216BJ	91.1	NM	Roswell
7/19/91	SL				1906 KODM	97.9	TX	Odessa
2059 KFNO	90.3	CA	Fresno		1910 KMTH	98.7	NM	Malamar
7/26/91	ES				1917 KVPR	95.5	TX	Haskell
0847 KFMX	94.5	TX	Lubbock		1923 KXT@	88.1	"	Lubbock
0850 KLYT	88.3	NM	Albuquerque		1924 KENW	89.5	NM	Portales
0901 KMMI	98.7	TX	Amarillo		1956 KRUX	91.5	"	Las Cruces
0910 K202BG	88.3	CO	Pagosa Sprin		1959 KHHS	100.7	CH	Ciudad Juarez
0930 KANZ	91.1	KS	Garden City		2011 KFZB	93.9	TX	El Paso
0948 KWBI	91.1	CO	Morrison		8/16/91	ES		
1003 KGNU	88.5	"	Boulder		1759 XHCDOW	89.3	SN	Ciudad Obregon
1005 K-NE	88.7	NE	Lexington		1800+XHFL#?	90.5	"	"
1014 KXNP	103.5	"	North Platte		1820 XHMSL?	101.3	"	Los Mochis
1017 KELN@	97.1	"	"					
1021 K-TNE	91.1	"	Alliance			TR		
1035 KUNE	90.3	NE	Bassett		2153 KXEZ	98.7	CA	Los Angeles
1045 KTSO	91.1	SD	Reliance		8/20/91	TR		
1063 KPHW#	89.3	"	Rapid City		1656 KOPE	103.5	OR	Medford
7/28/91	ES				8/21/91	ES		
0700 KBEC	93.3	CO	Lamar		1835 KNFM	92.3	TX	Midland
0706 KANZ	91.1	KS	Garden City		9/7/91	TR		
0743 KBNM	94.7	NM	Truth or Con		2153 KEWB	94.7	CA	Anderson
0823 KAMA	94.7	TX	El Paso		9/20/91	GW		
0943 KHII	"	CO	Boulder		1911 KHRA	103.9	CA	Meriposa
1106 KESD	88.3	SD	Brookings		9/28/91	MS		
8/22/91	ES				0145 KRYU	94.1	TX	Amarillo
2009 XHMAT?	99.5	SI	Mazatlan		10/20/91	SL		
					1030 KLUU	106.3	CA	Soledad
10/20/91	TR							CONT...
2002 KXIQ	94.1	OR	Bend			425 ID; KPFA off		
11/8/91	AU							
1700 KOPE	103.5	OR	Medford			ID		
11/29/91	ES							
1559 KOSU	91.7	OK	Stillwater			1365 ID		
1607 KTEX	103.3	OK	Tulsa			1420 Lcl;K-Fox 103		
1613 KOMA?	91.3	OK	Broken Arrow			KBEE off		
1623 KBBC	94.7	"	OKC			c o/2 locals		
1639 KQMJ?	99.5	"	Henryetta			1355 Calls		
1/4/92	ES					The Storm		
1051 KYNZ	106.7	OK	Lone Grove			1410 Calls		
1108 KMMI	98.7	TX	Amarillo			"		
1117 KLUV	98.7	TX	Dallas			1425 K-Love		

First-ever auroral scatter here 11/8 produced one ID & garbage on 97.9 & 98.7. The KOPE signal was plainly not tropes, as the direction was NE to ENE (not N) & there was a lot of distortion. Signal level was about 1 1/2 on a scale of 12, versus less than 1/2 for the tropes logging 8/20. Confirmed with Doug Allen in CO that AU was happening.

It was especially painful to have XHMSL get away. KSTT Los Dobs CA remains my most distant logging on 101.3 at 180 miles! Only other frequency in such a pitiful state is 104.5, with crater KIQQ Atascadero as the most distant, and there KHIT Reno is at least out-of-state, though a mere 135 miles away.

Greatly appreciated were KXIQ during the big Oakland fire-storm and KTEX during high winds which knocked out strong KBEE. KTEX was barely there, so the outage was mandatory. KYNZ a big surprise so high on the band, with easily-readable signal for 2-3 minutes.



# WORLDWIDE TV-FM DX ASSOCIATION



MEMBER

OPINIONS EXPRESSED IN THIS PUBLICATION ARE THOSE OF THE INDIVIDUAL CONTRIBUTOR  
AND DO NOT NECESSARILY REFLECT THE VIEWS OF THE PUBLISHER OR BOARD OF DIRECTORS.  
WE RESERVE THE RIGHT TO EDIT MATERIAL TO MEET PUBLISHING STANDARDS. UNLESS  
PREVIOUSLY AGREED UPON IN WRITING, ALL MATERIAL SUBMITTED FOR PUBLICATION IN THE  
VF-LHF DIGEST BECOMES THE PROPERTY OF W.T.F.D.A.

REPRODUCTION OF MATERIAL FROM THE VF-LHF DIGEST WITHOUT PERMISSION OF  
W.T.F.D.A. IS PROHIBITED. INDIVIDUALS AND OTHER ORGANIZATIONS ARE GRANTED SUCH  
PERMISSION PROVIDED PROPER CREDIT IS GIVEN TO THE SOURCE.

first class mail

TEMPLE HILLS MD 20757

